



FULL LENGTH APO-A1 SEQUENCE

1

MKAAVLTLAVLFLTGSQARHFWQQDEPPQSPWDRVKDLATVYVD
VLKDSGRDYVSQFEGSALGKQLNLKLLDNWDSVTSTFSKLREQLGPVTQEFDNLEKE
TEGLRQEMSKDLEEVKAKVQPYLDDFQKKWQEEMELYRQKVEPLRAELQEGARQKLHE
194
LQEKLSPPLGEEMRDRARAHVDALRTHLAPYSDELQRQLAARLEALKENGGA
267
KATEHLSTLSEKAKPAEDLRQGLLPVLESFKVSFLSALEEYTKKLNTQ

sig_peptide 20..91
mature_protein 92..820

20 a tgaaagctgc ggtgctgacc ttggccgtgc tcttcctgac
61 ggggagccag gctcggcatt tctggcagca agatgaaccc ccccagagcc cctgggatcg
121 agtgaaggac ctggccactg tgtacgtgga tgtgctcaa gacagcggca gagactatgt
181 gtcccagttt gaaggctccg ctttggaaa acagctaaac ctaaagctcc ttgacaactg
241 ggacagcgtg acctccacct tcagcaagct gcgcgaacag ctcggccctg tgacccagga
301 gttctggat aacctggaaa aggagacaga gggcctgagg caggagatga gcaaggatct
361 ggaggaggtg aaggccaagg tgcagcccta cctggacgac ttccagaaga agtggcagga
421 ggagatggag ctctaccgcc agaagggtgga gccgctgcgc gcagagctcc aagagggcgc
481 gcccagaag ctgcacgagc tgcaagagaa gctgagccca ctggcgagg agatgcgcga
541 ccgcgcgcgc gcccattgtgg acgcgcgtgcg cacgcatttg gccccctaca gcgcacgagct
601 gcgcgcgcgc ttggccgcgc gccttgaggc tctcaaggag aacggcggcgc ccagactggc
661 cgagtaccac gccaaggcca ccgagcatct gagcacgctc agcgagaagg ccaagcccgc
721 gctcgaggac ctccgccaag gcctgctgcc cgtgctggag agcttcaagg tcagcttcct
781 gagcgctctc gaggagtaca ctaagaagct caacacccag

FIG. 1A

18K N-TERMINAL FRAGMENT

25

DEPPQSPWDRVKDLATVYVD

VLKDSDGRDYVSQFEGSALGKQLNLKLLDNWDSVTSTFSKLREQLGPVTQEFDNLEKE

TEGLRQEMSKDLEEVKAKVQPYLDDFQKKWQEEMELYRQKVEPLRAELQEGARQKLHE

LQEKLSP¹⁹⁴GEEMRDRARAHVDALRTHLAPYSDEL

92 gatgaaccc ccccagagcc cctgggatcg

121 agtgaaggac ctggccactg tgtacgtgga tgtgctcaa gacagcggca gagactatgt

181 gtcccagttt gaaggctccg cttgggaaa acagctaaac ctaaagctcc ttgacaactg

241 ggacagcgtg acctccacct tcagcaagct gcgcgaacag ctcggccctg tgaccaggaa

301 gttctggat aacctggaaa aggagacaga gggcctgagg caggagatga gcaaggatct

361 ggaggaggtg aaggccaagg tgcagcccta cctggacgac ttccagaaga agtggcagga

421 ggagatggag ctctaccgcc agaagggtgga gccgctgcgc gcagagctcc aagagggcgc

481 gcgccagaag ctgcacgagc tgcaagagaa gctgagccca ctgggcgagg agatgcgcga

541 ccgcgcgcgc gcccattgtgg acgcgcgtcg cacgcattcg gccccctaca gcgcacgagct

601 g

FIG. 1B

13K N-TERMINAL FRAGMENT

25

DEPPQSPWDRVKDLATVYVD

VLKDSGRDYVSQFEGSALGKQLNLKLLDNWDSVTSTFSKLREQLGPVTQEFDNLEKE

144

TEGLRQEMSKDLEEVKAKVQPYLDDFQKKWQEEMELYRQKVE

92 gatgaaccc ccccagagcc cctgggatcg

121 agtgaaggac ctggccactg tgtacgtgga tgtgctcaa gacagcggca gagactatgt

181 gtcccagtt gaaggctccg cttggaaa acagctaaac ctaaagctcc ttgacaactg

241 ggacagcgtg acctccacct tcagcaagct gcgcgaacag ctcggccctg tgaccagga

301 gttctggat aacctggaaa aggagacaga gggcctgagg caggagatga gcaaggatct

361 ggaggaggtg aaggccaagg tgcagcccta cctggacgac ttccagaaga agtggcagga

421 ggagatggag ctctaccgcc agaaggatgga g

FIG. 1C

13K N-TERMINAL FRAGMENT

156

QKLHE

194

LQEKLSPPLGEEMRD RARAHVDALRTHLAPYSDELRQRLAARLEALKENGGARLAEYHA

267

KATEHLSTLSEKAKPALEDLRQGLLPVLESFKVSFLSALEEYTKKLNTQ

485 cagaag ctgcacgagc tgcaagagaa gctgagccca ctggcgagg agatgcgcga

541 ccgcgcgcgc gcccattgtgg acgcgcgtcg cacgcattctg gccccctaca gcgcacgagct

601 gcgccagcgc ttggccgcgc gccttgaggc tctcaaggag aacggcggcg ccagactggc

661 cgagtaccac gccaaaggcca ccgagcatct gagcacgctc agcgagaagg ccaagccgc

721 gctcgaggac ctccgcuaag gcctgctgcc cgtgctggag agcttcaagg tcagtttcct

781 gagcgctctc gaggagtaca ctaagaagct caacacccag

FIG. 1D

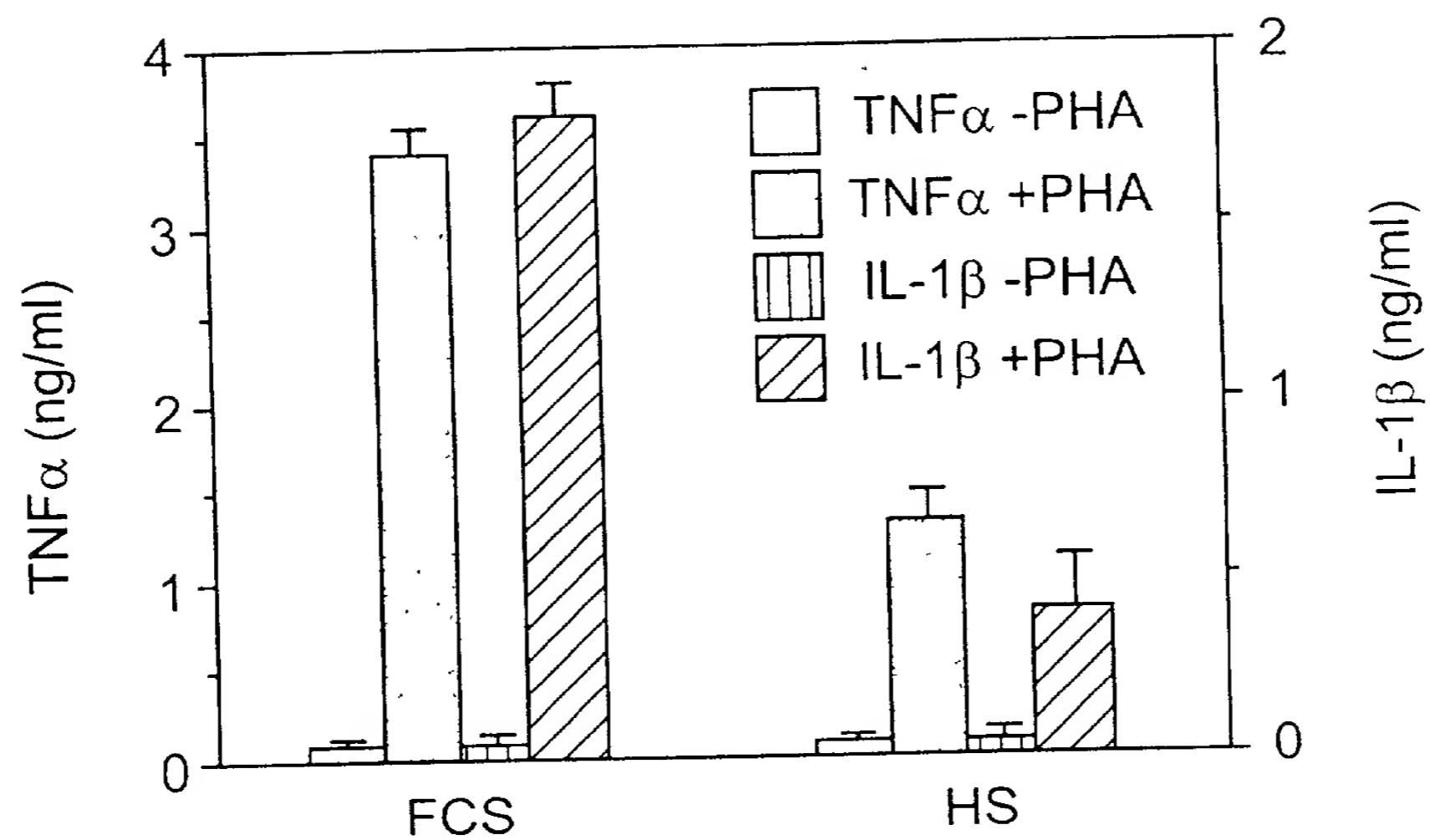


FIG. 2A

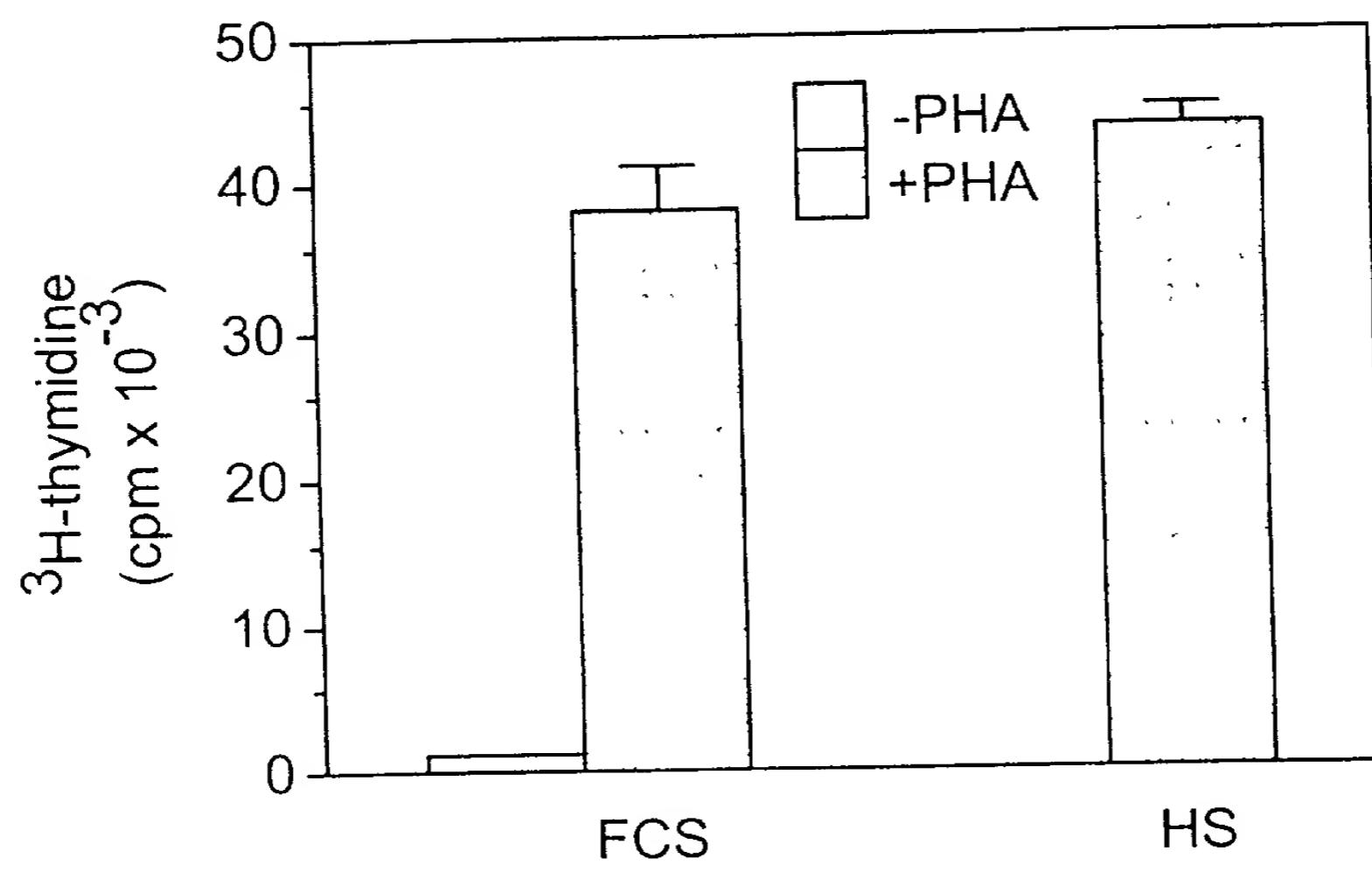


FIG. 2B

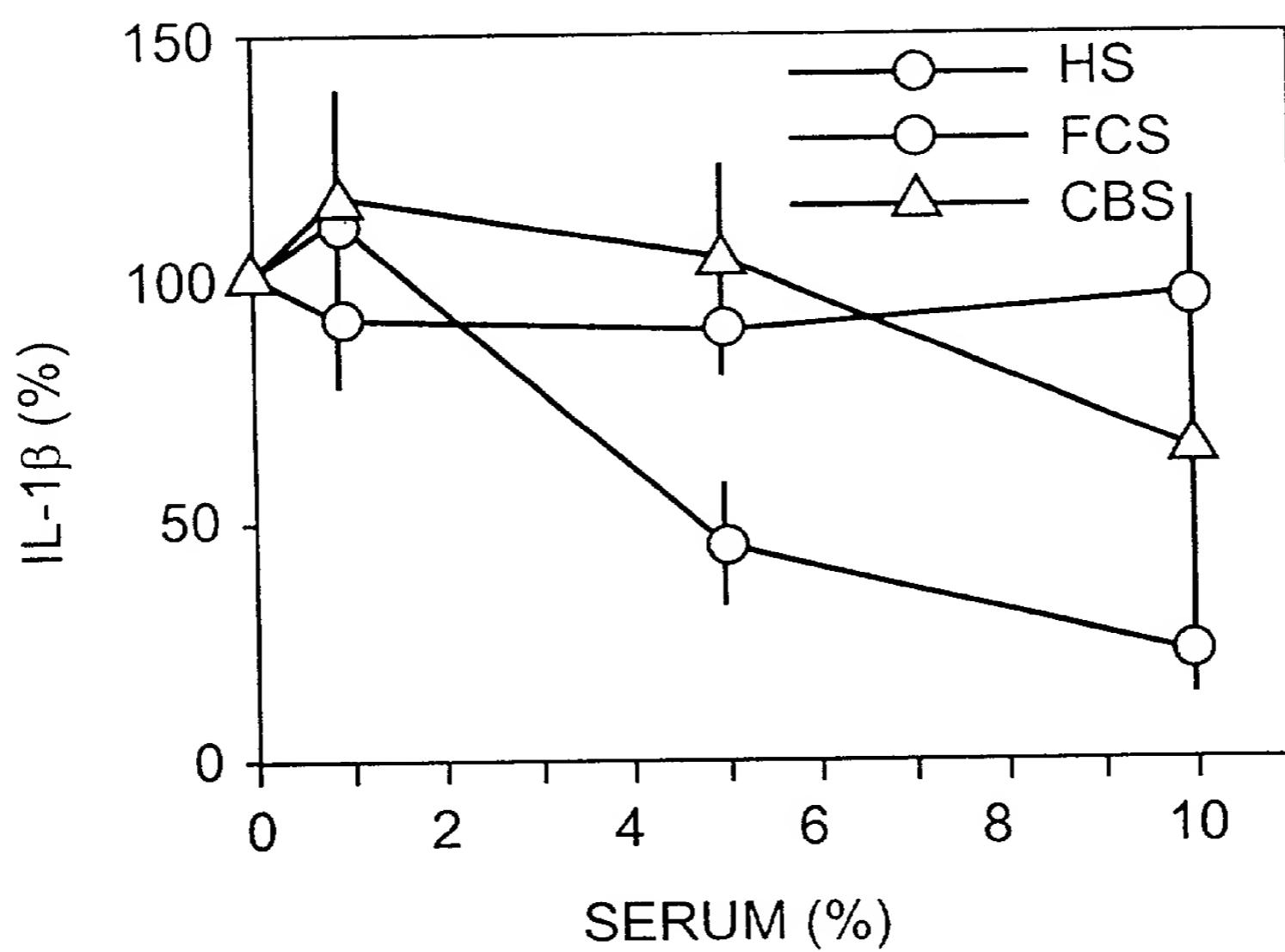


FIG. 3A

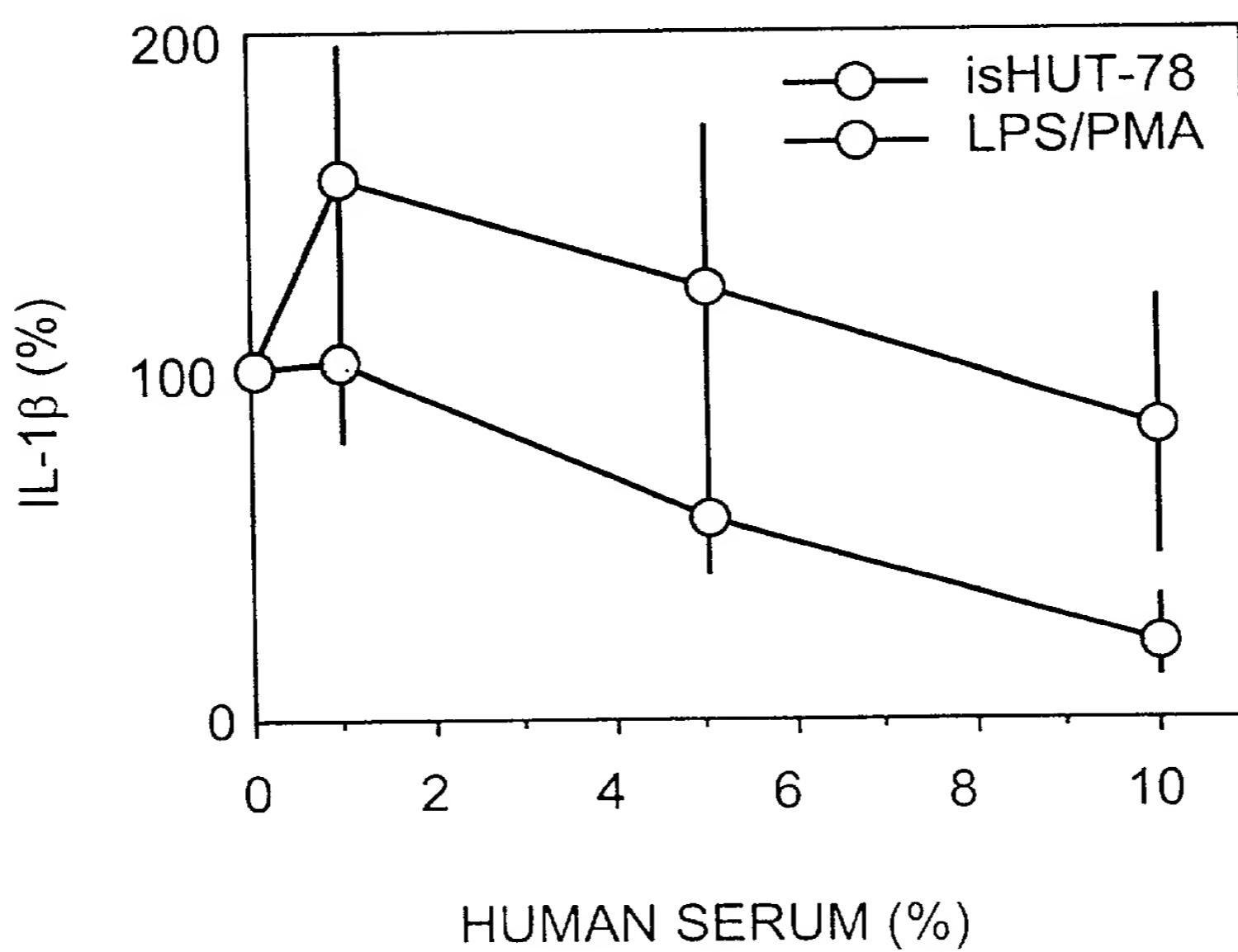


FIG. 3B

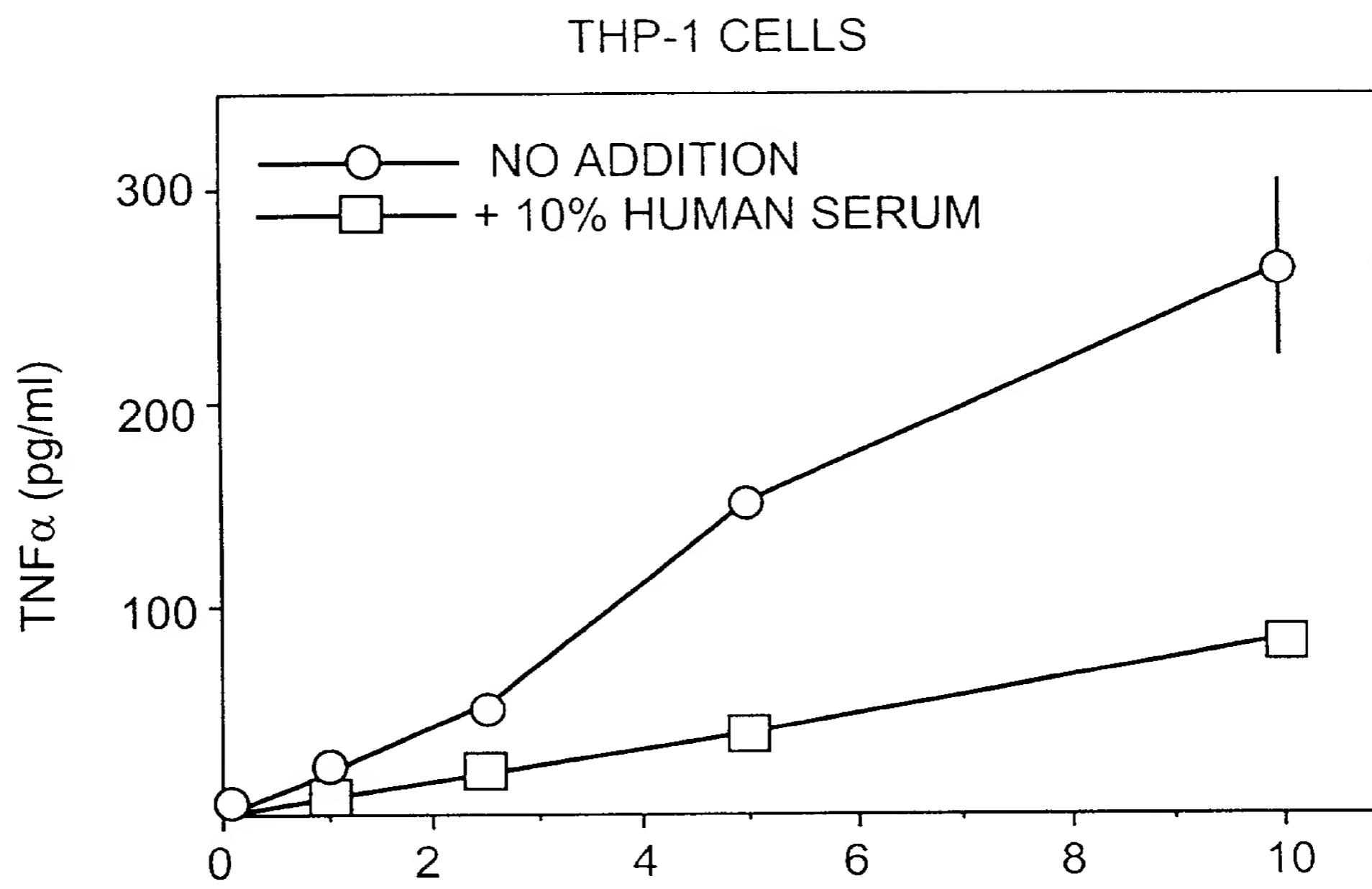


FIG. 3C

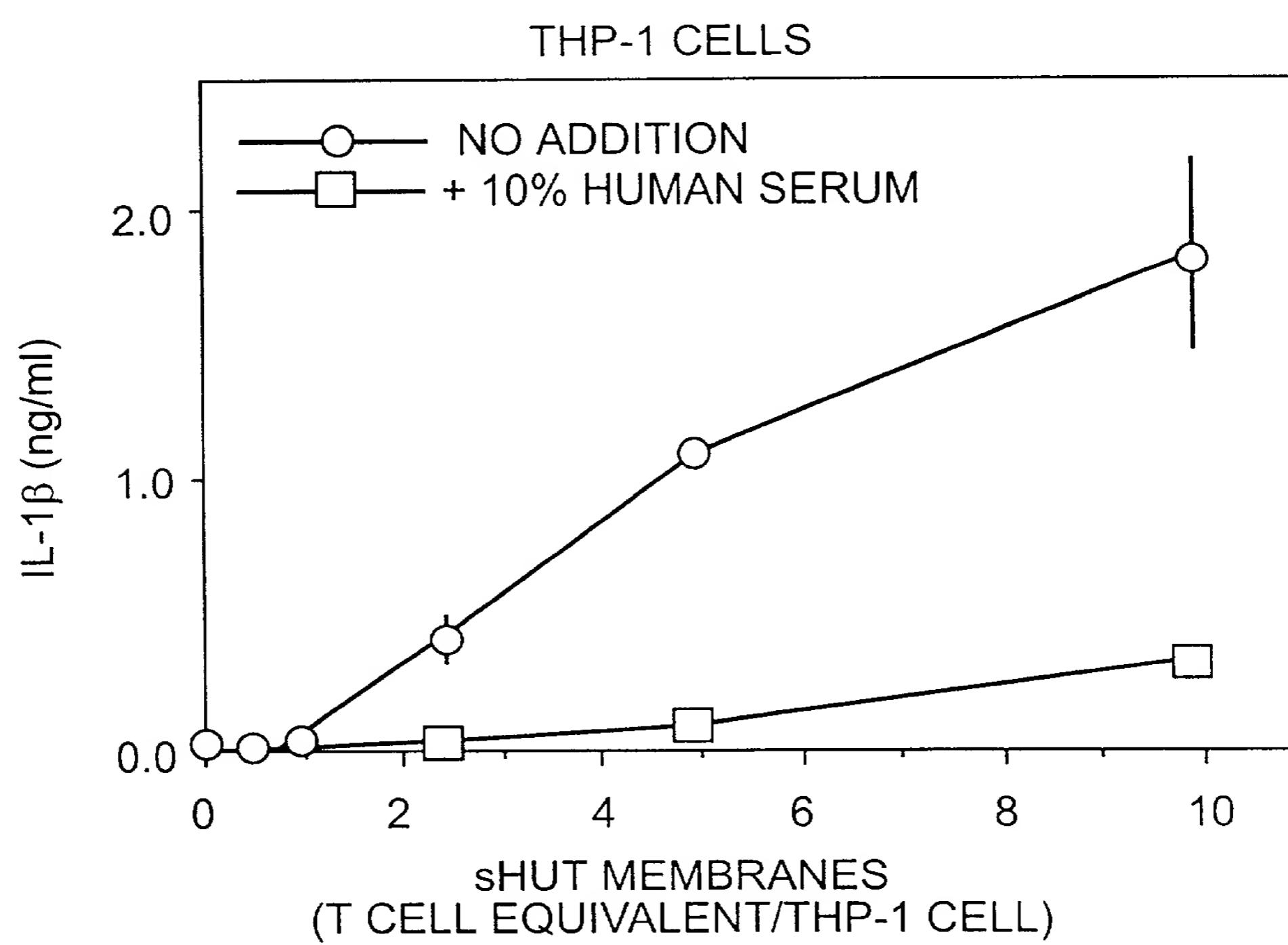


FIG. 3D

BLOOD MONOCYTES

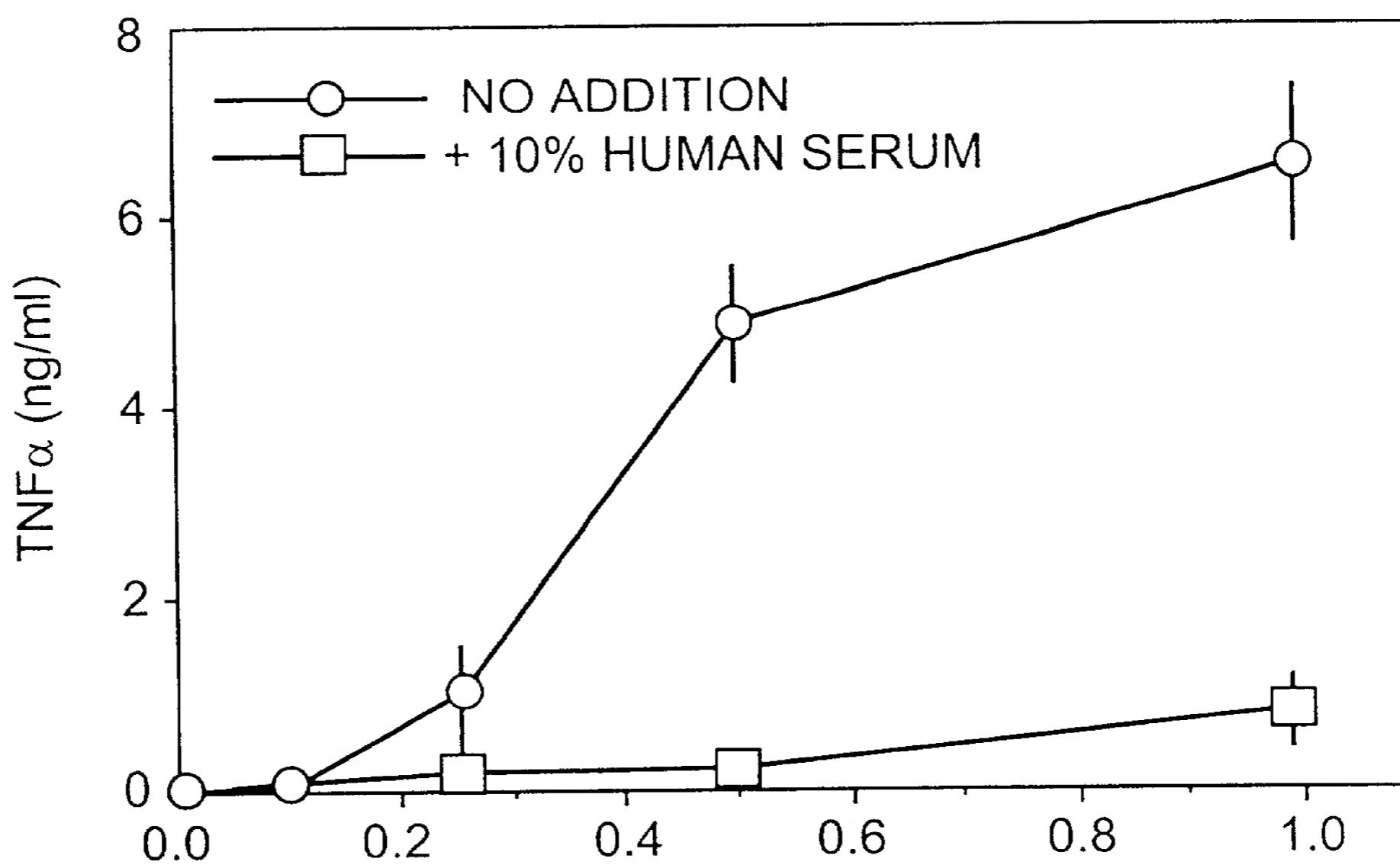


FIG. 3E

BLOOD MONOCYTES

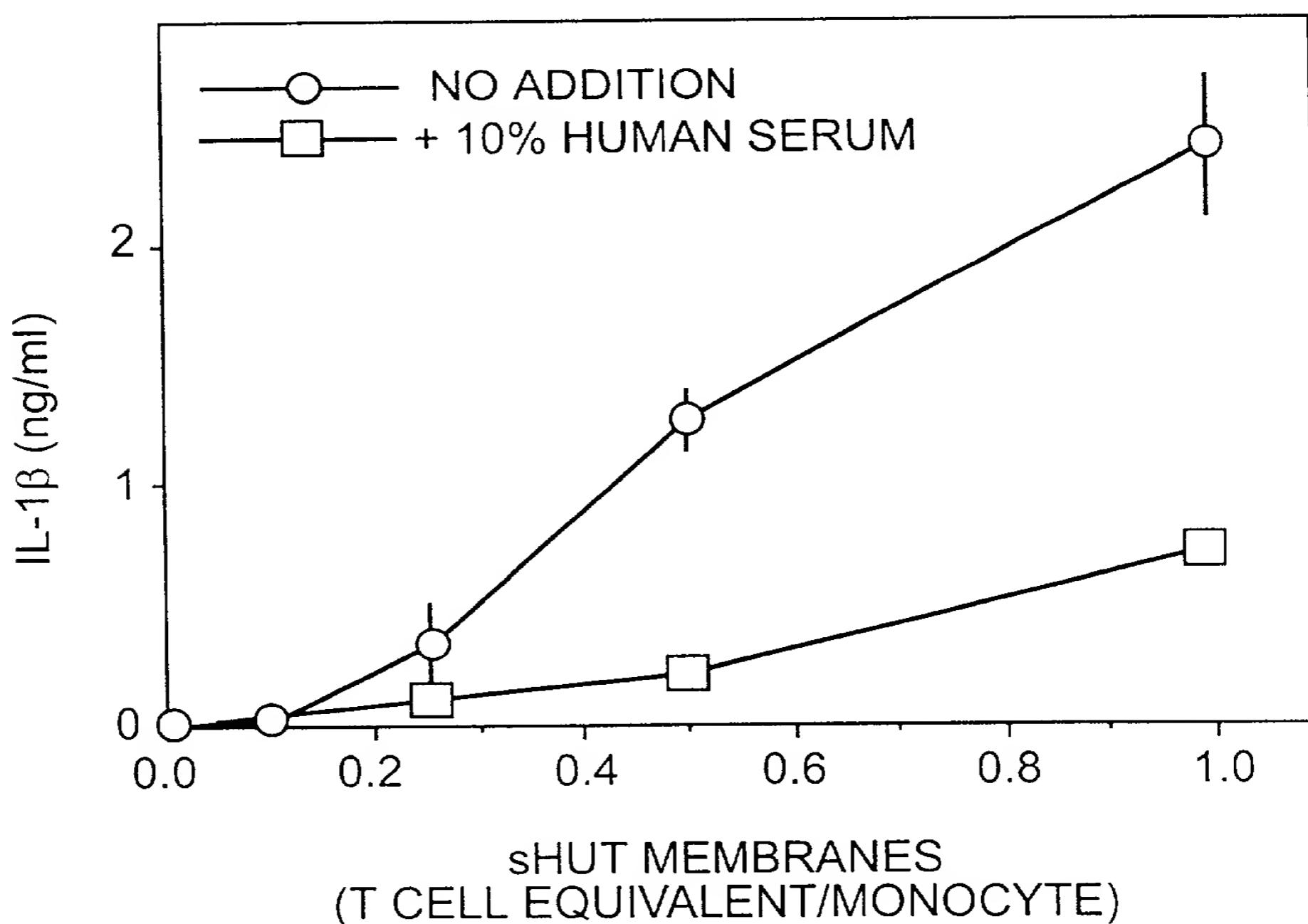


FIG. 3F

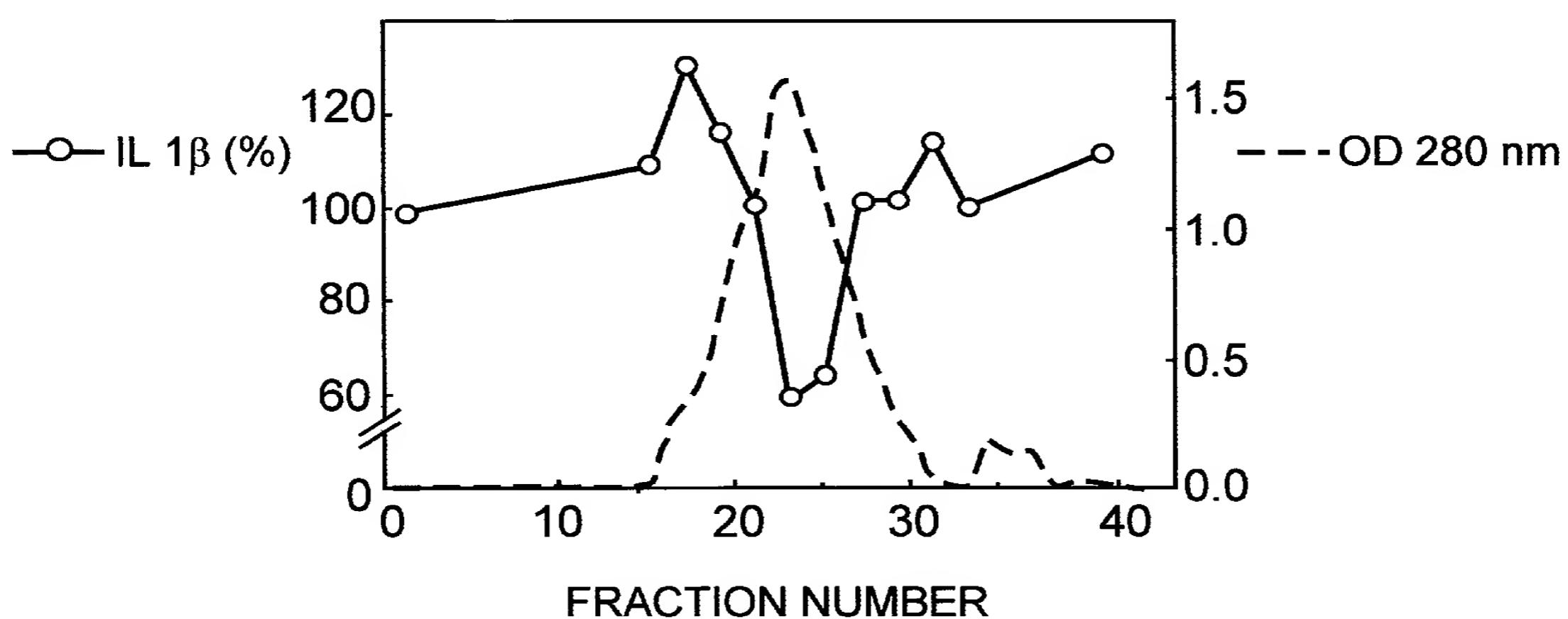


FIG. 4A

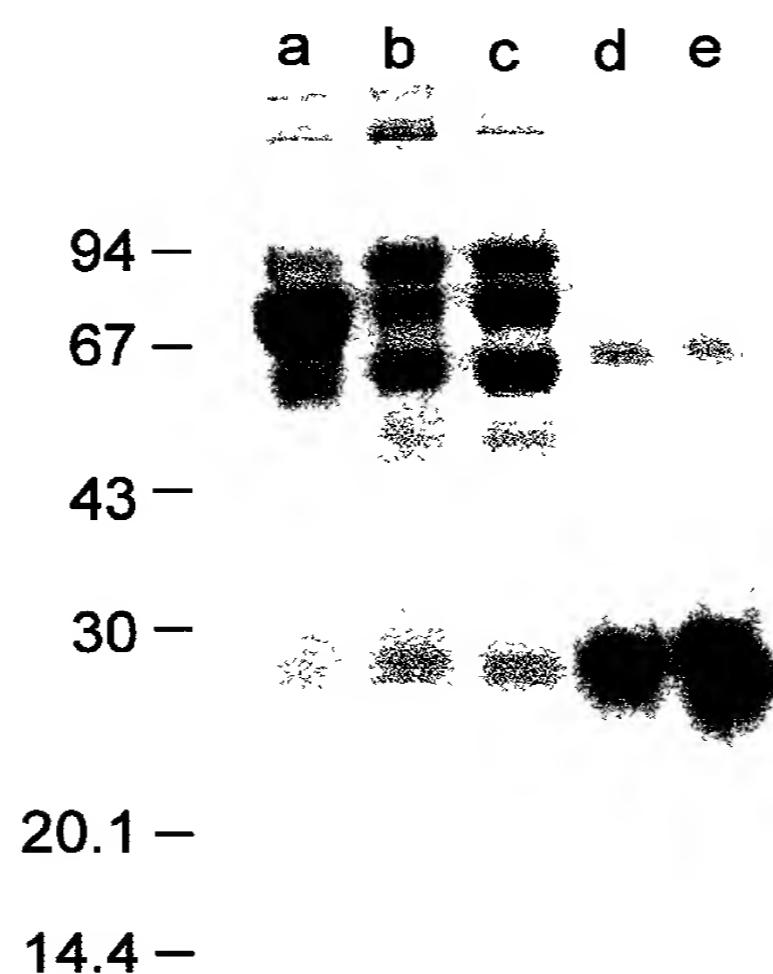


FIG. 4B

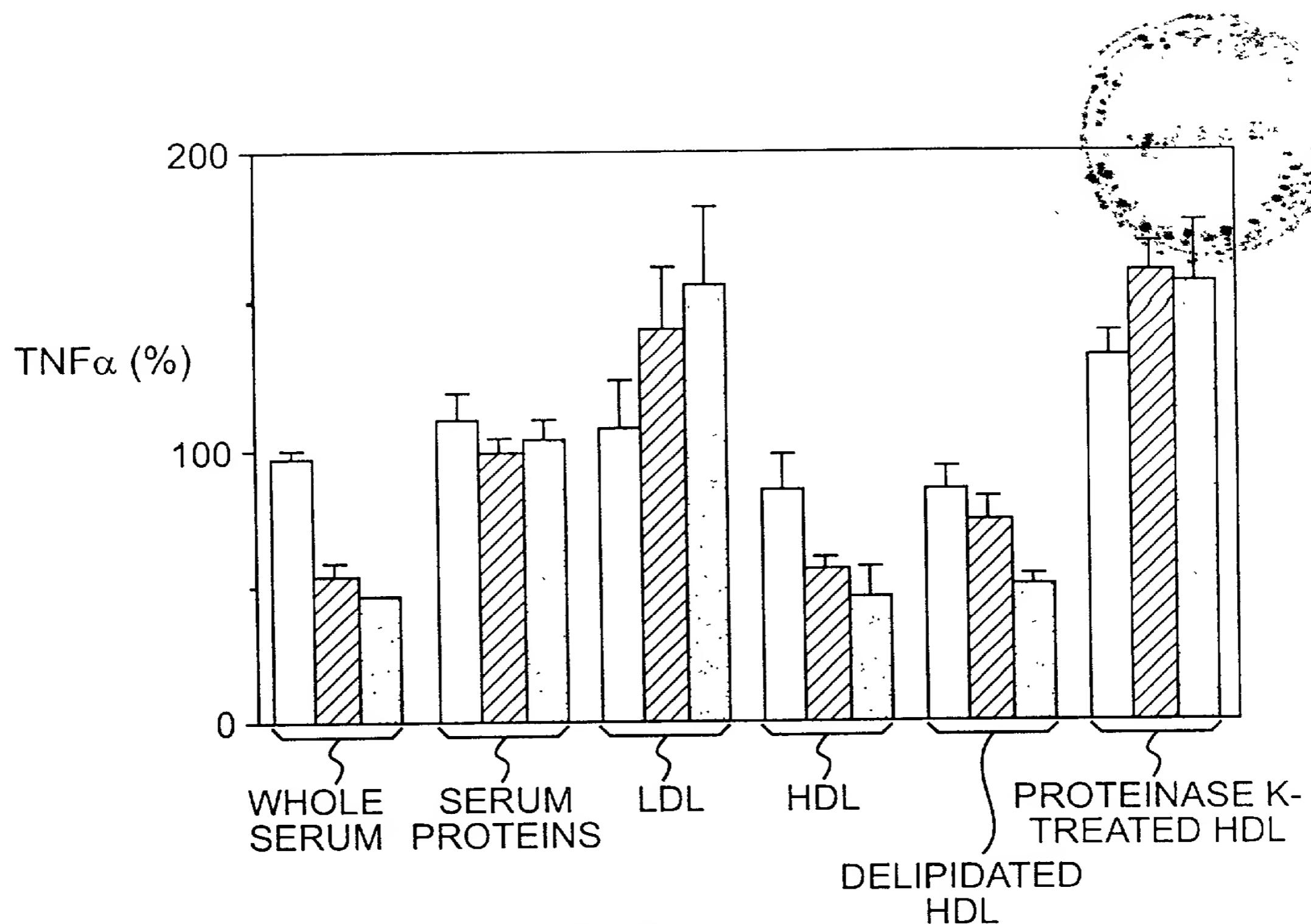


FIG. 5A

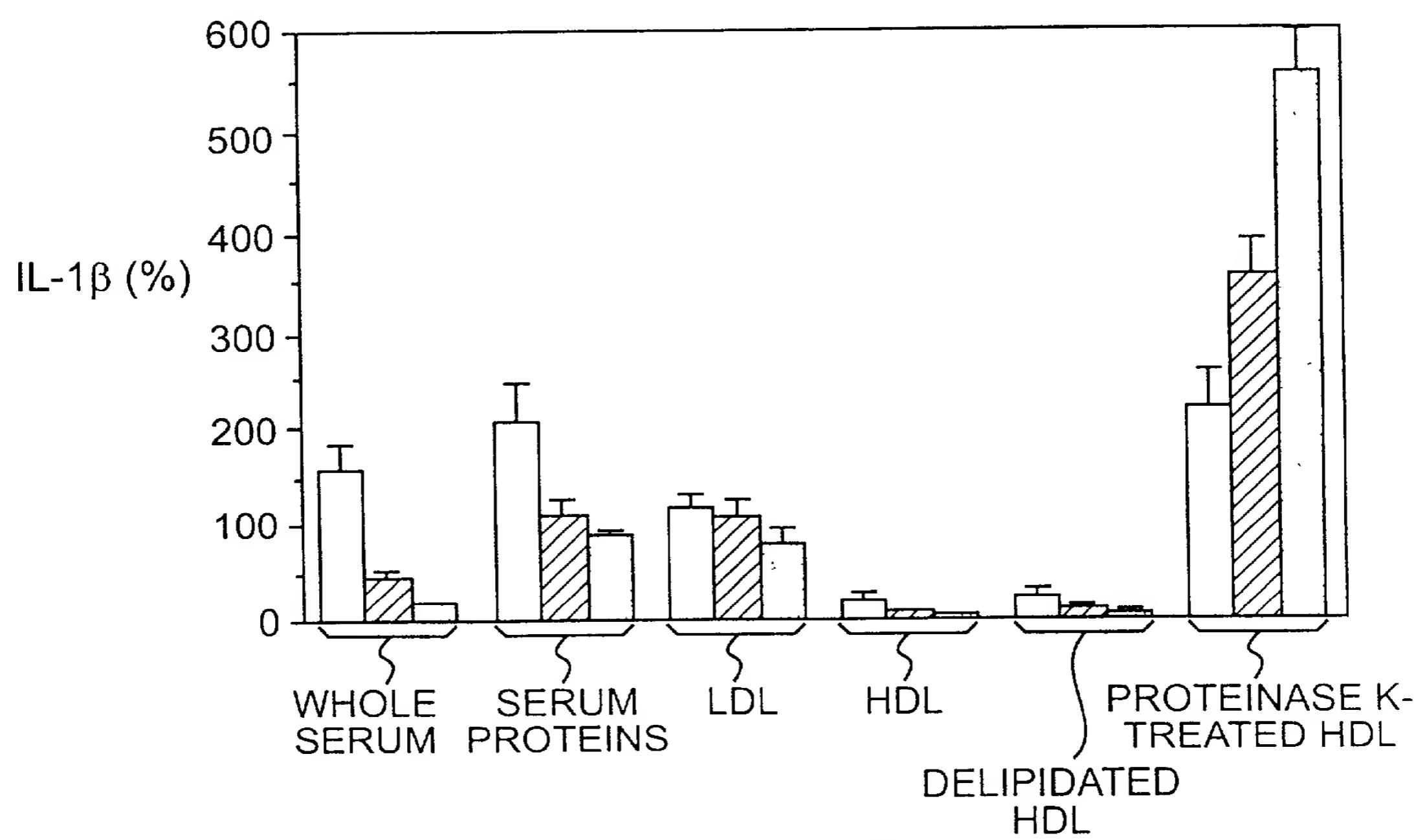


FIG. 5B

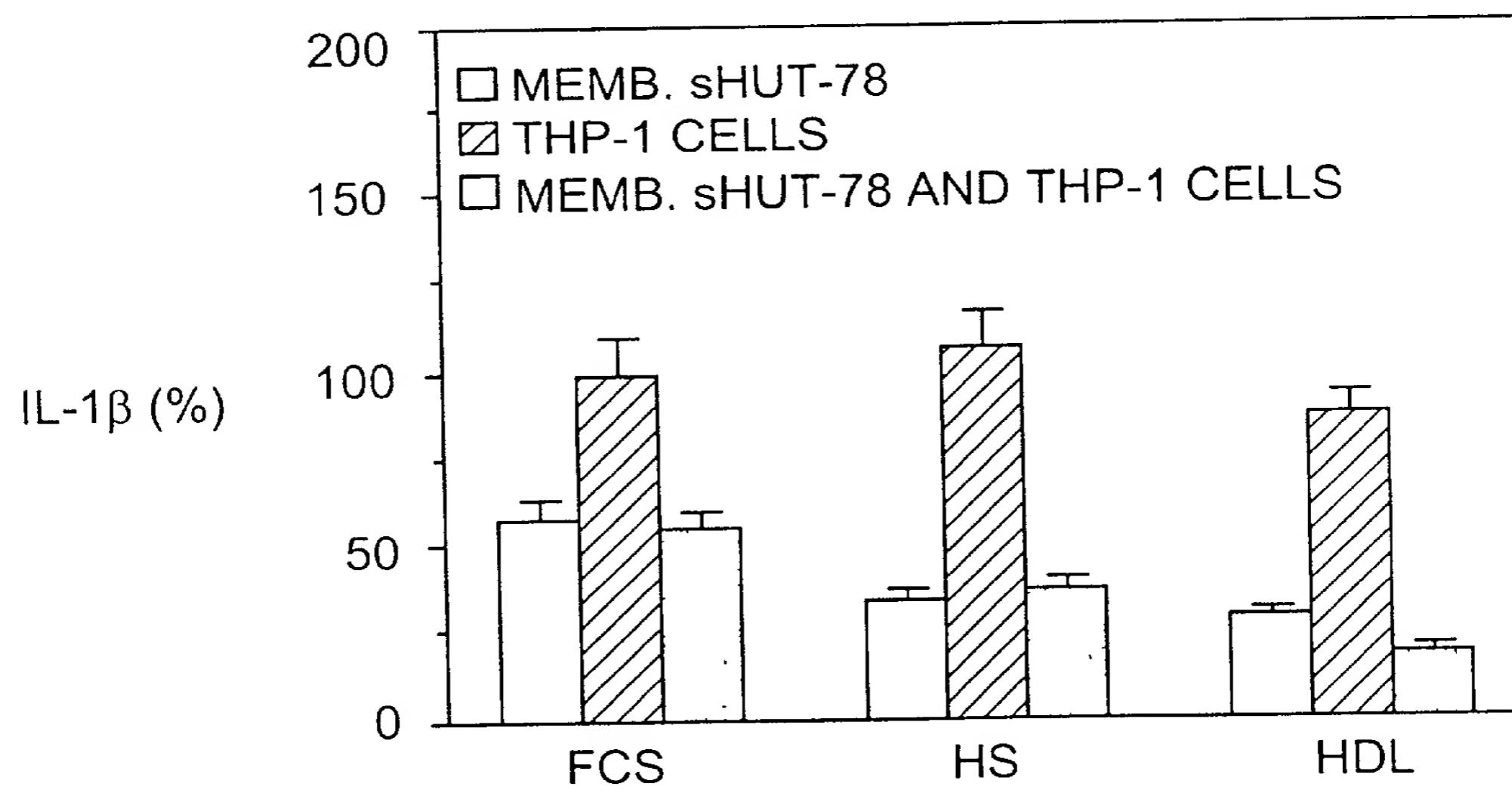
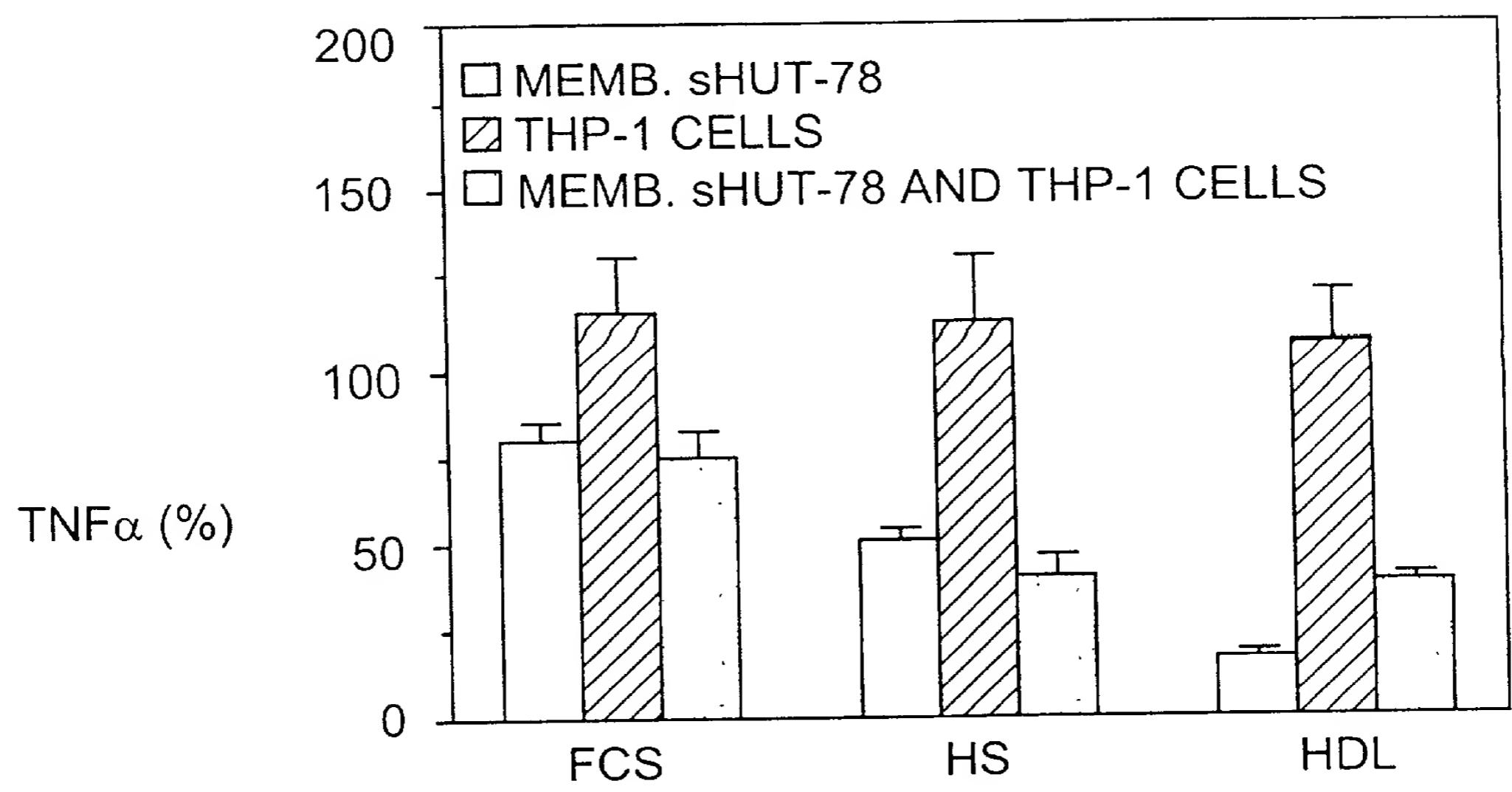


FIG. 6A

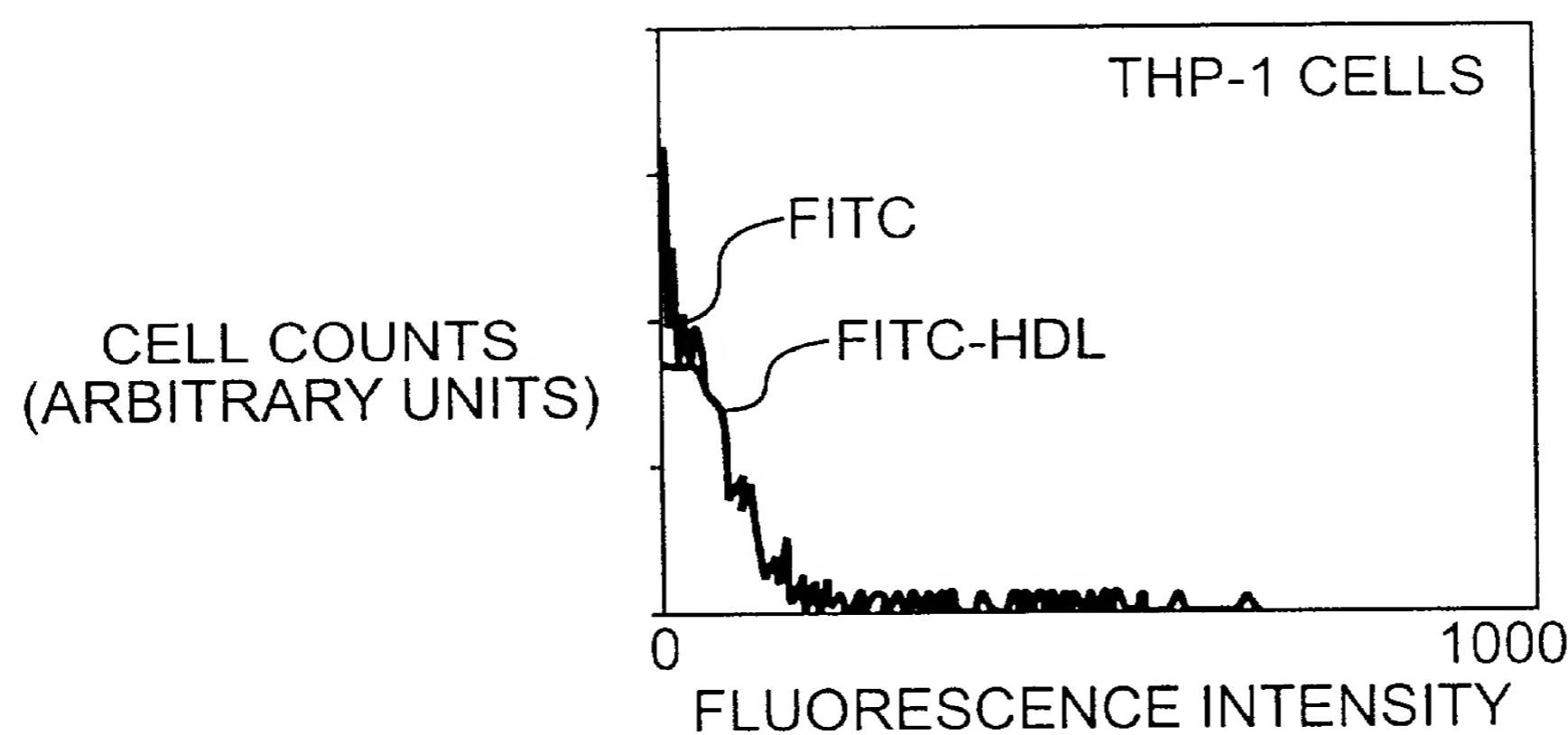


FIG. 6B

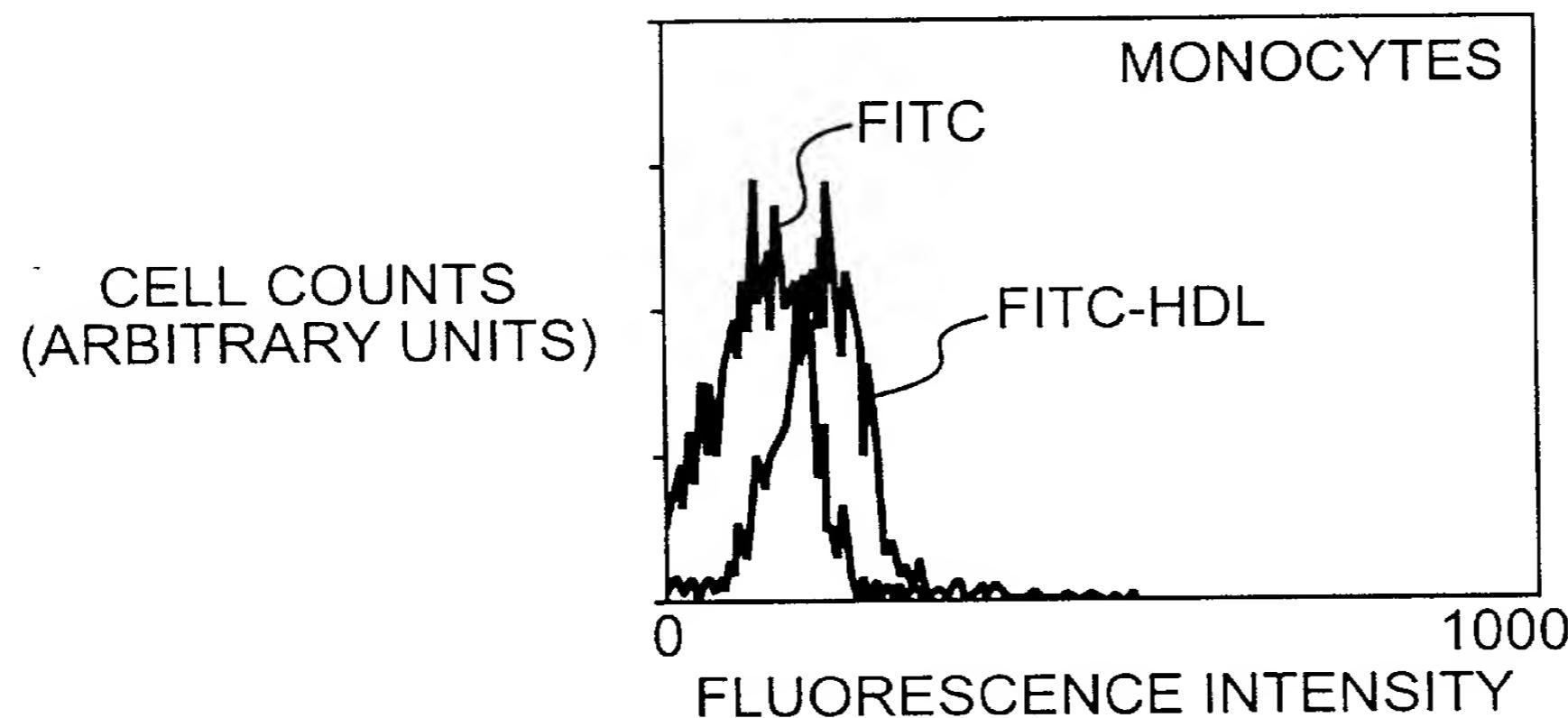


FIG. 6C

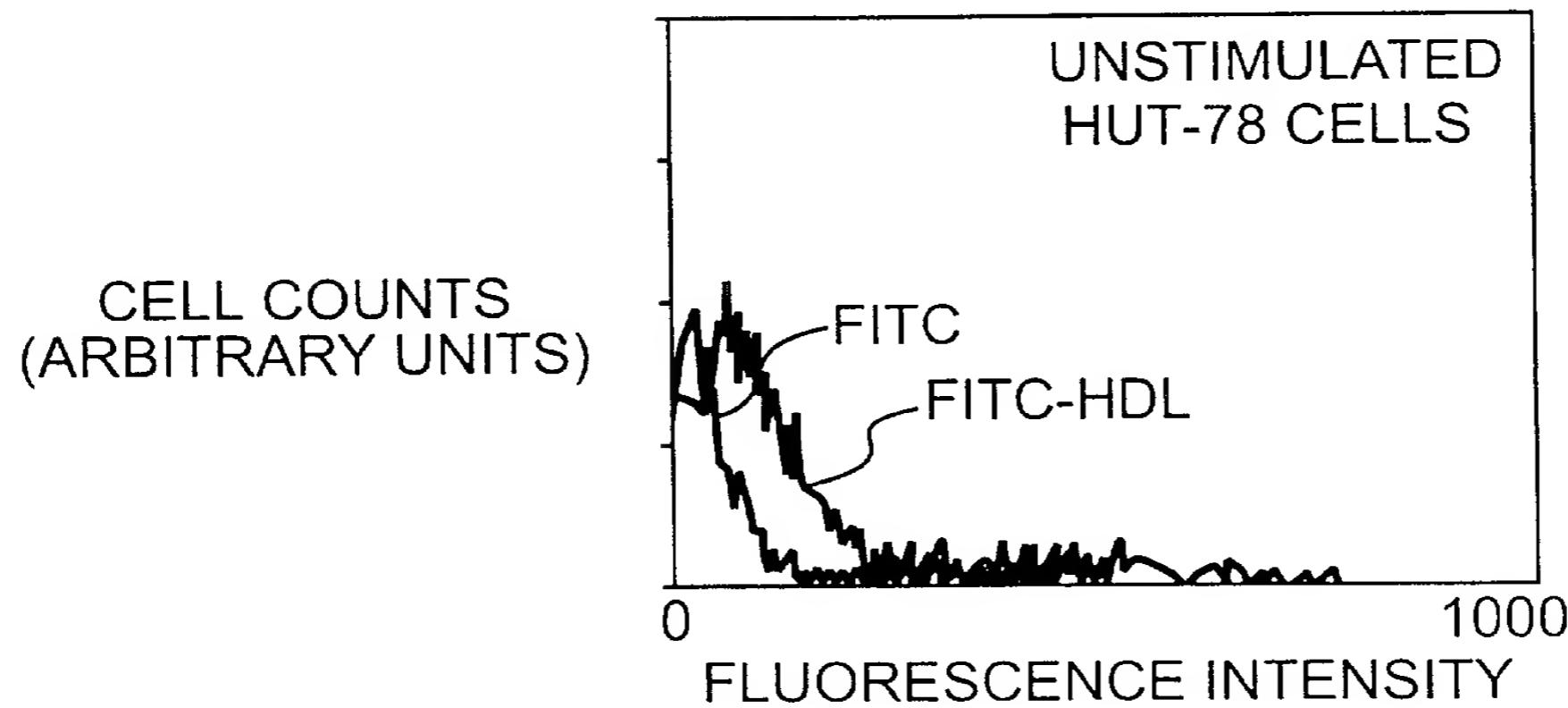


FIG. 6D

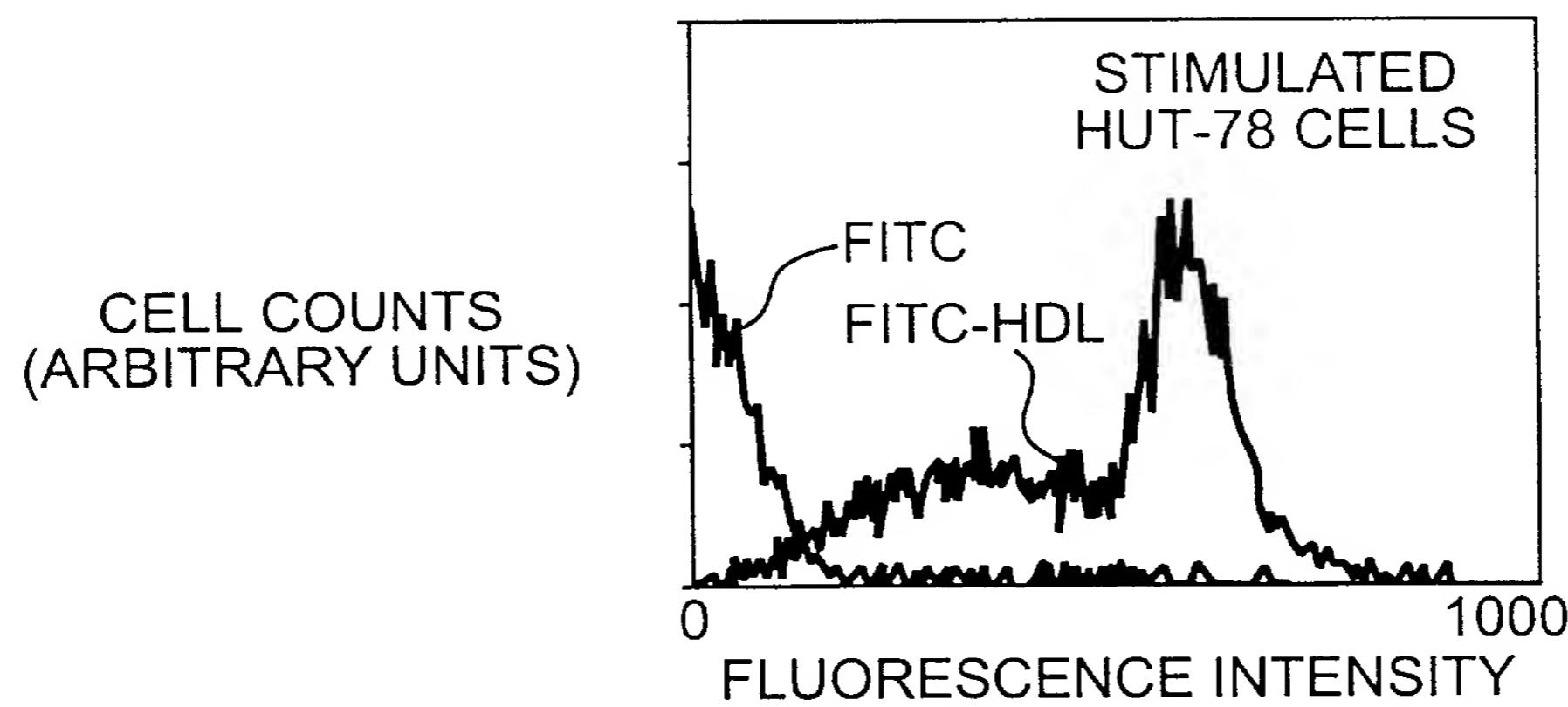


FIG. 6E

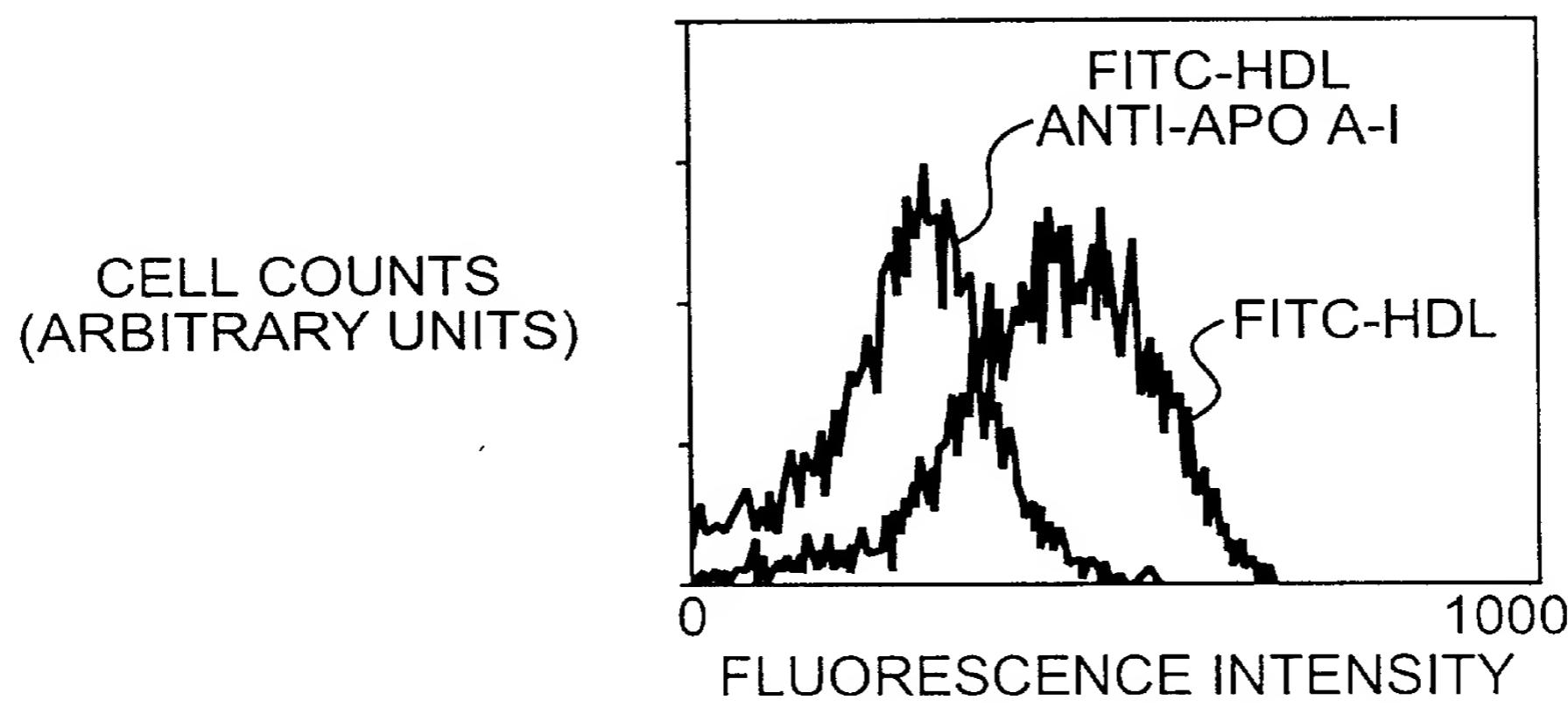


FIG. 6F

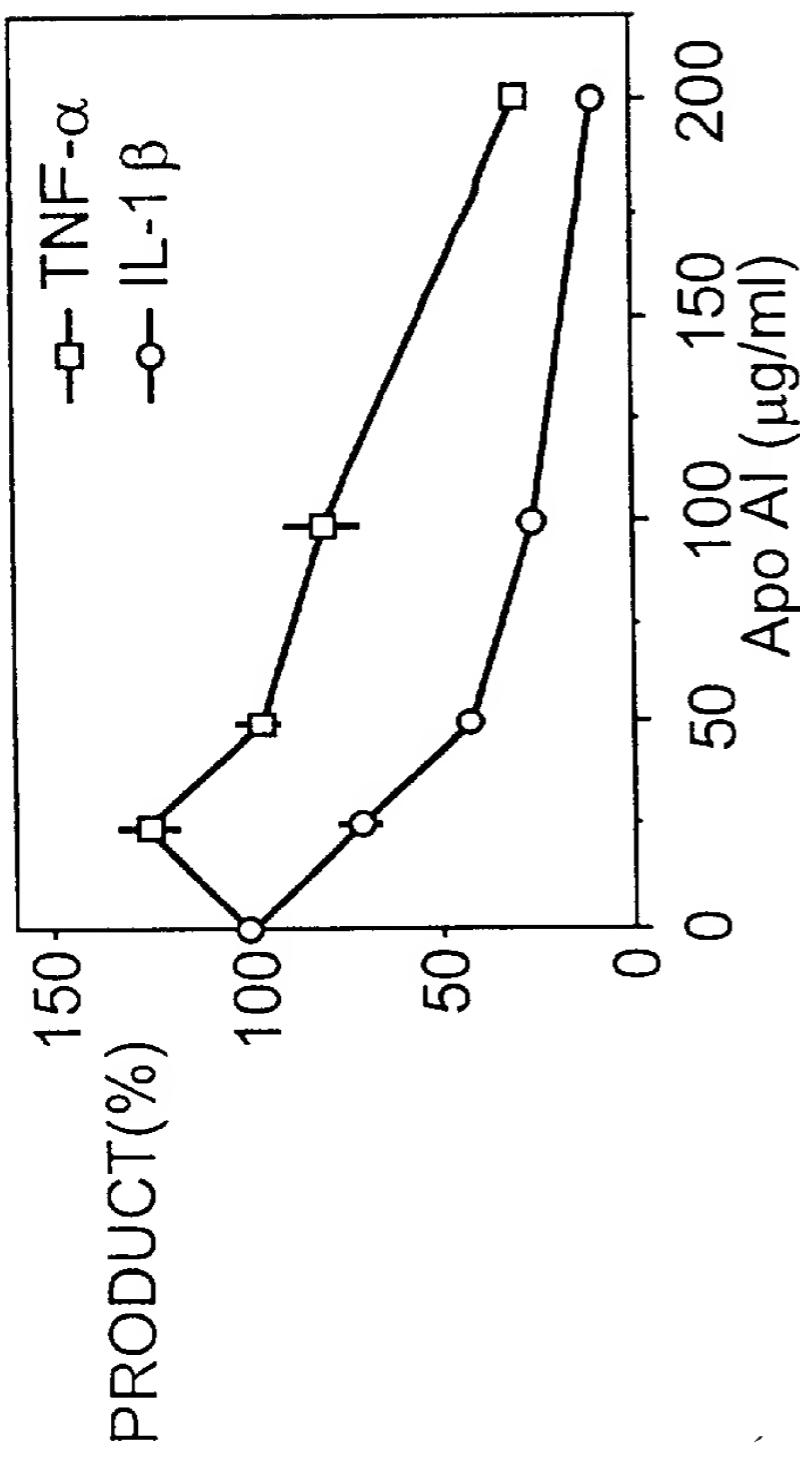


FIG. 7A

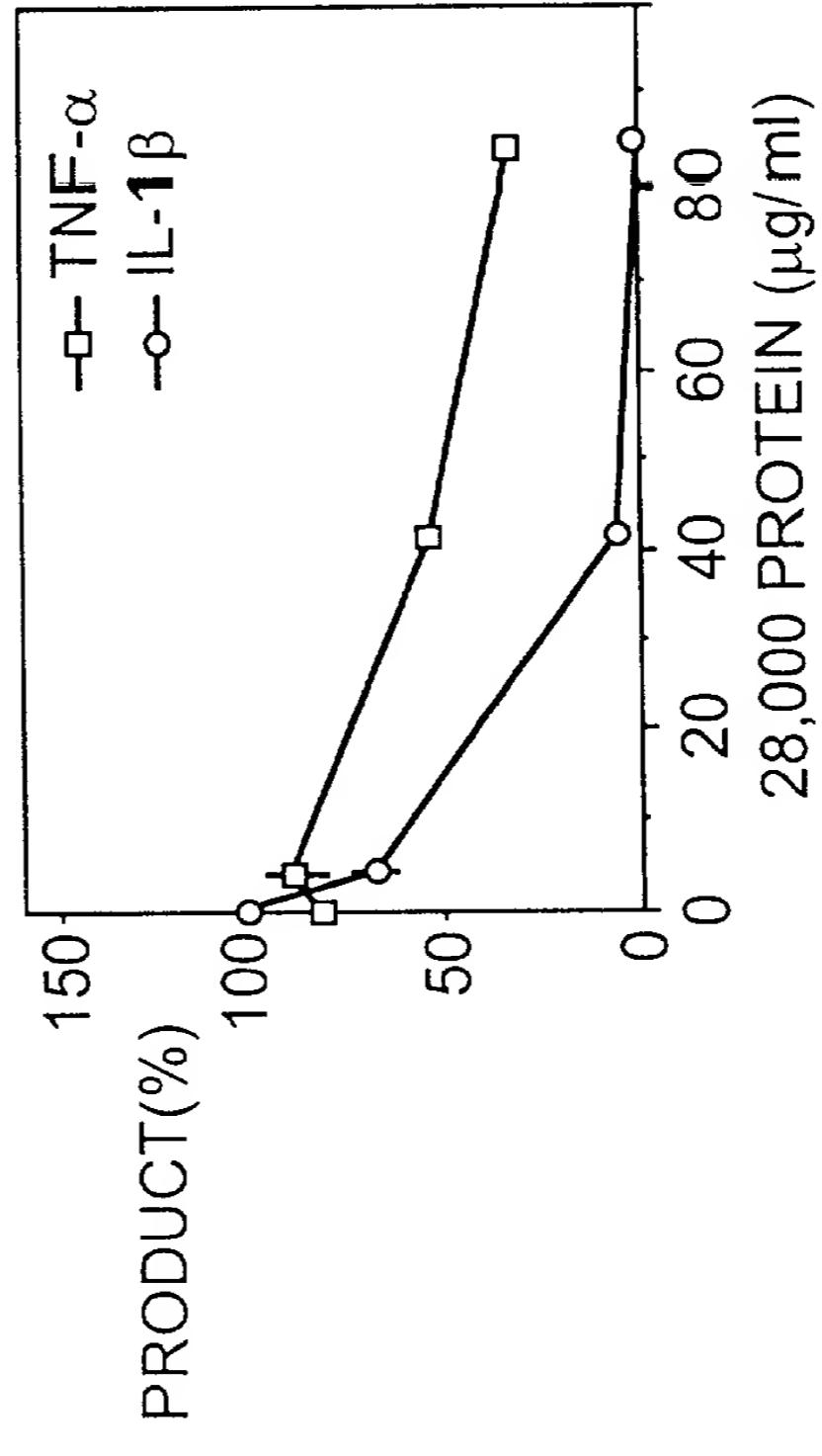


FIG. 7B

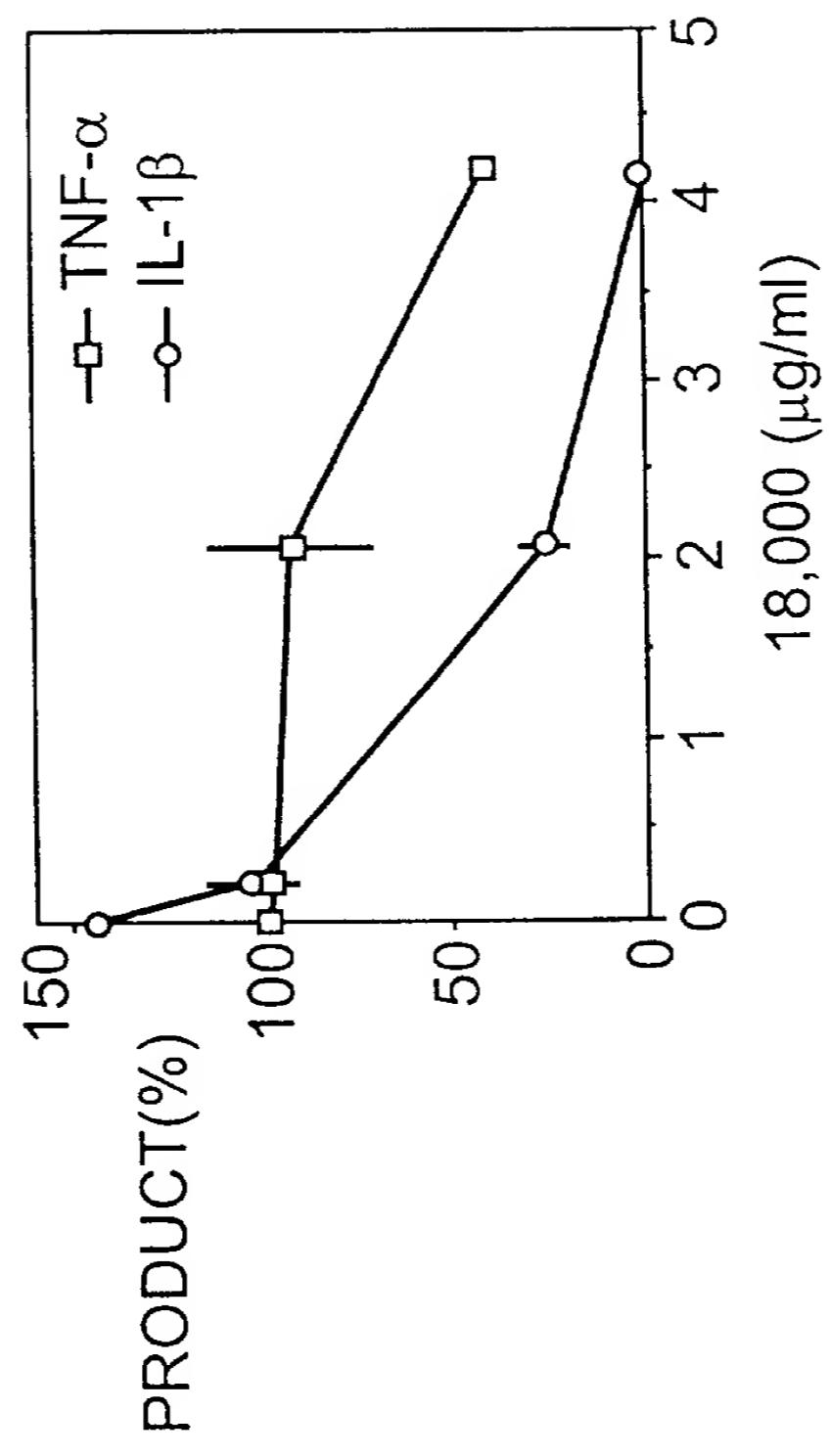


FIG. 7C

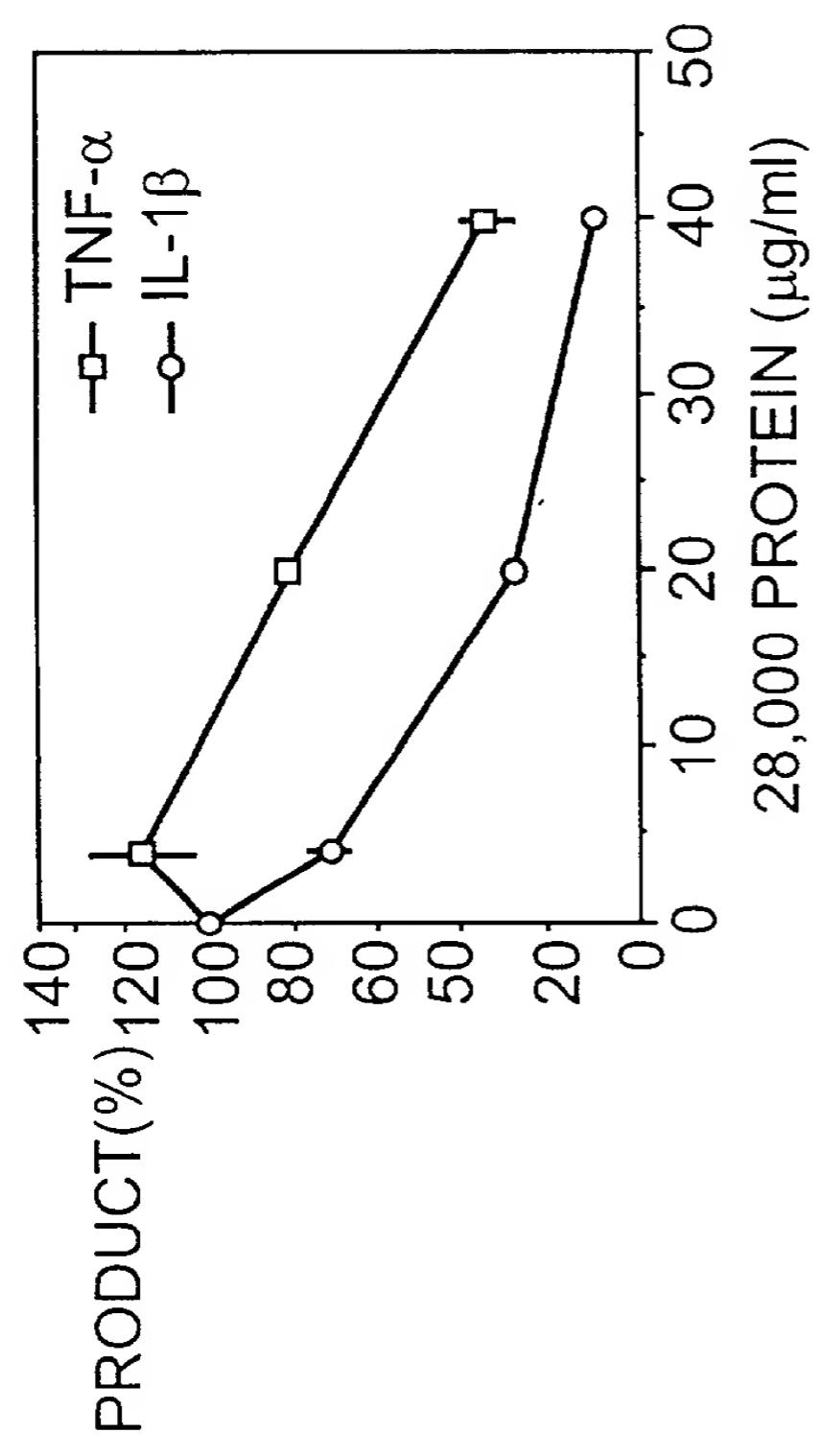


FIG. 7D

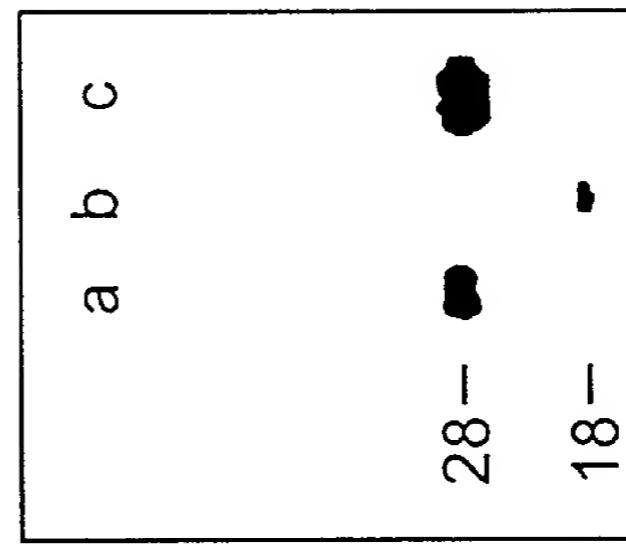


FIG. 7E

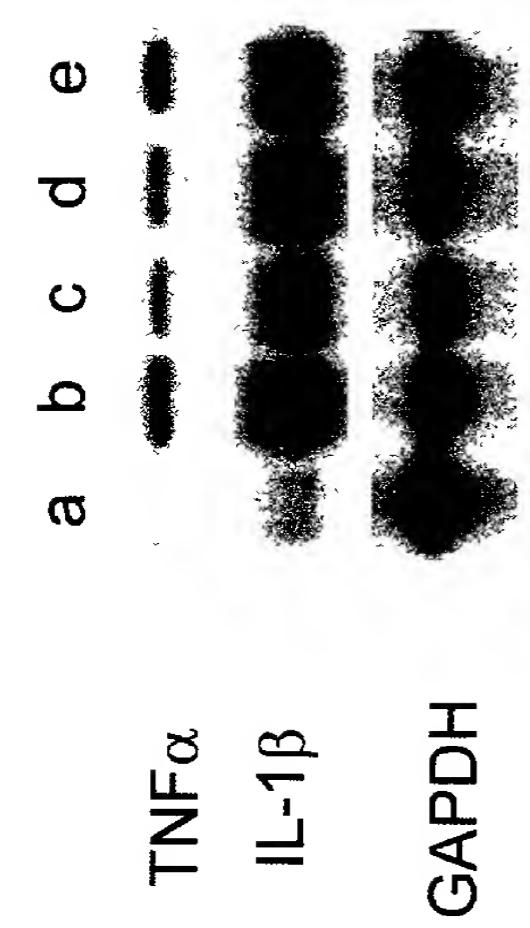


FIG. 8A

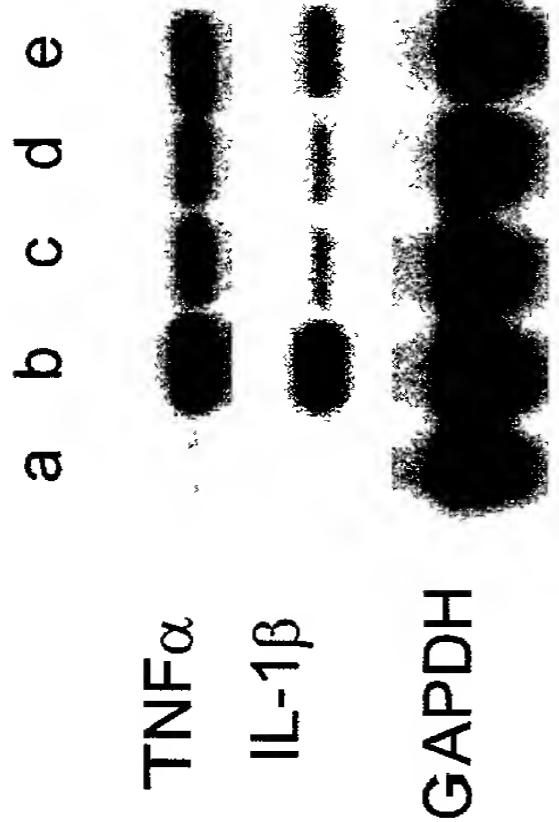


FIG. 8B

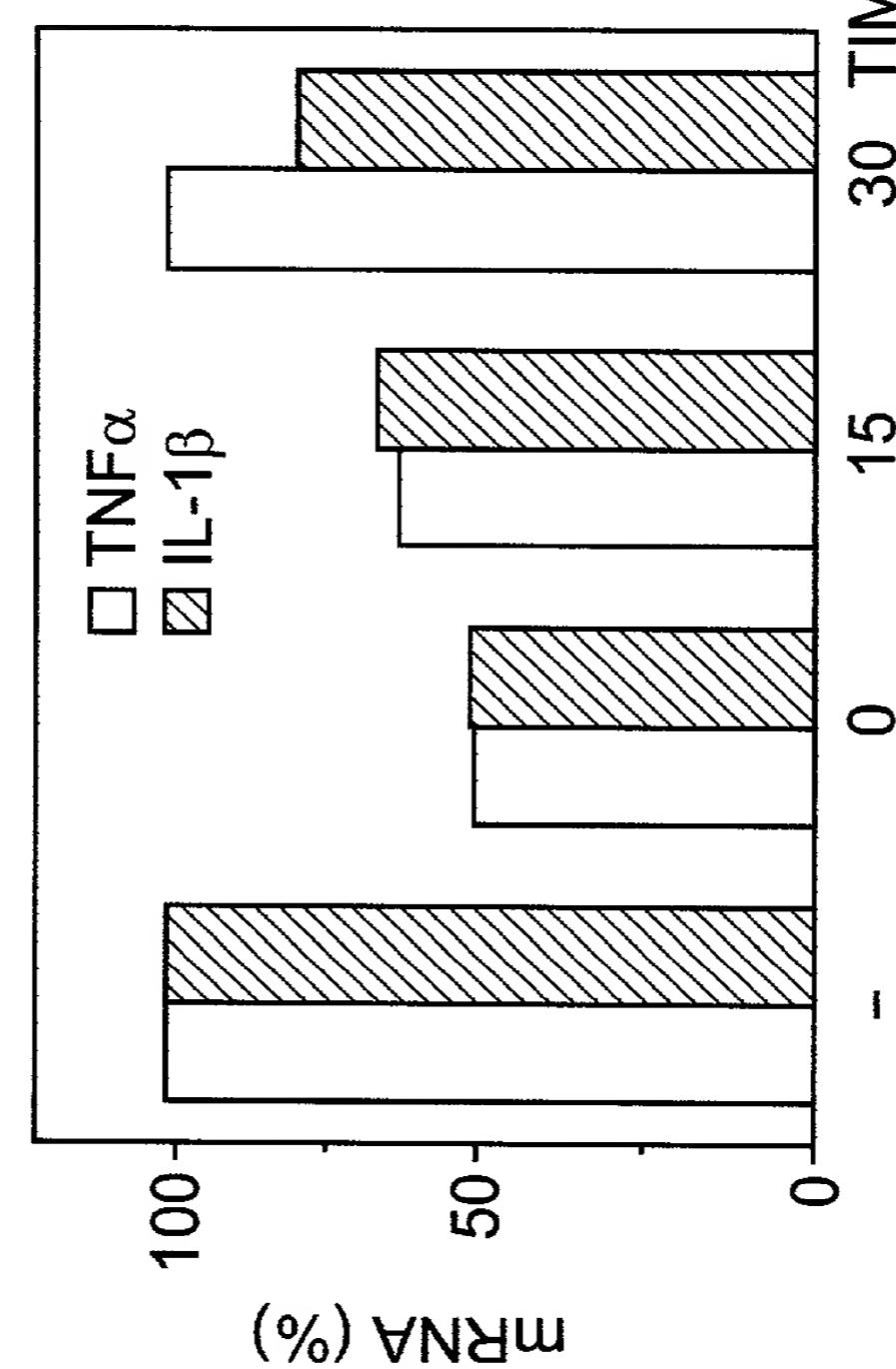


FIG. 8D

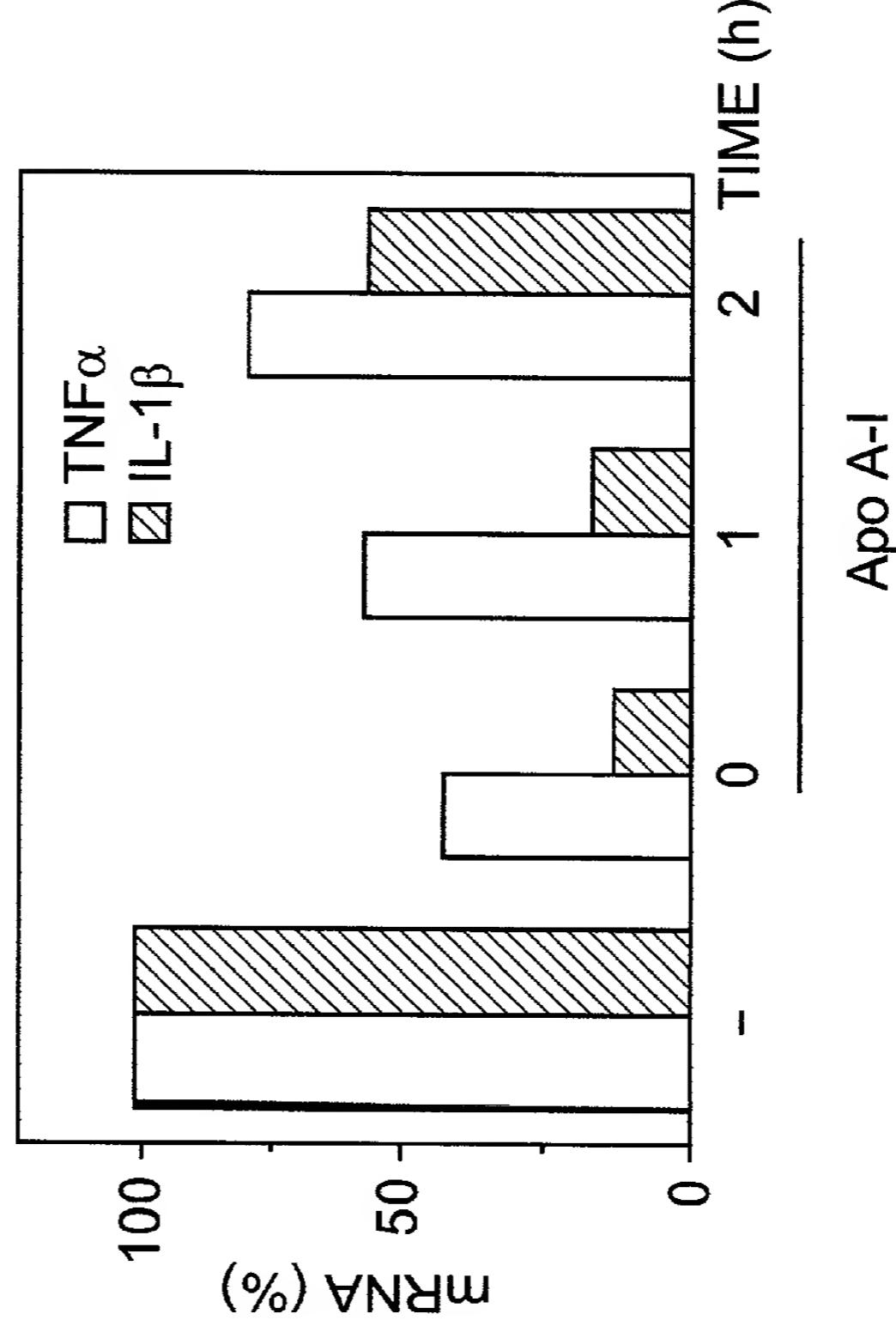


FIG. 8C

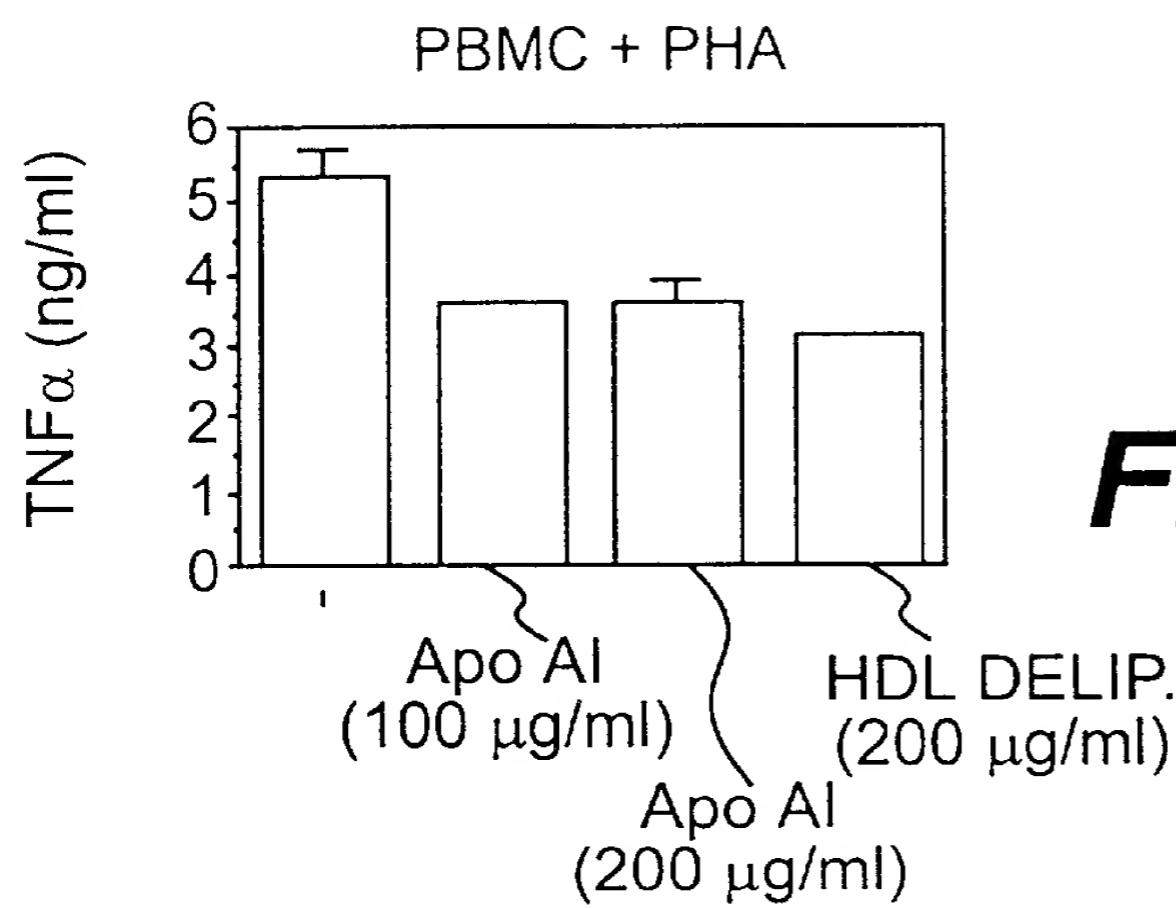


FIG. 9A

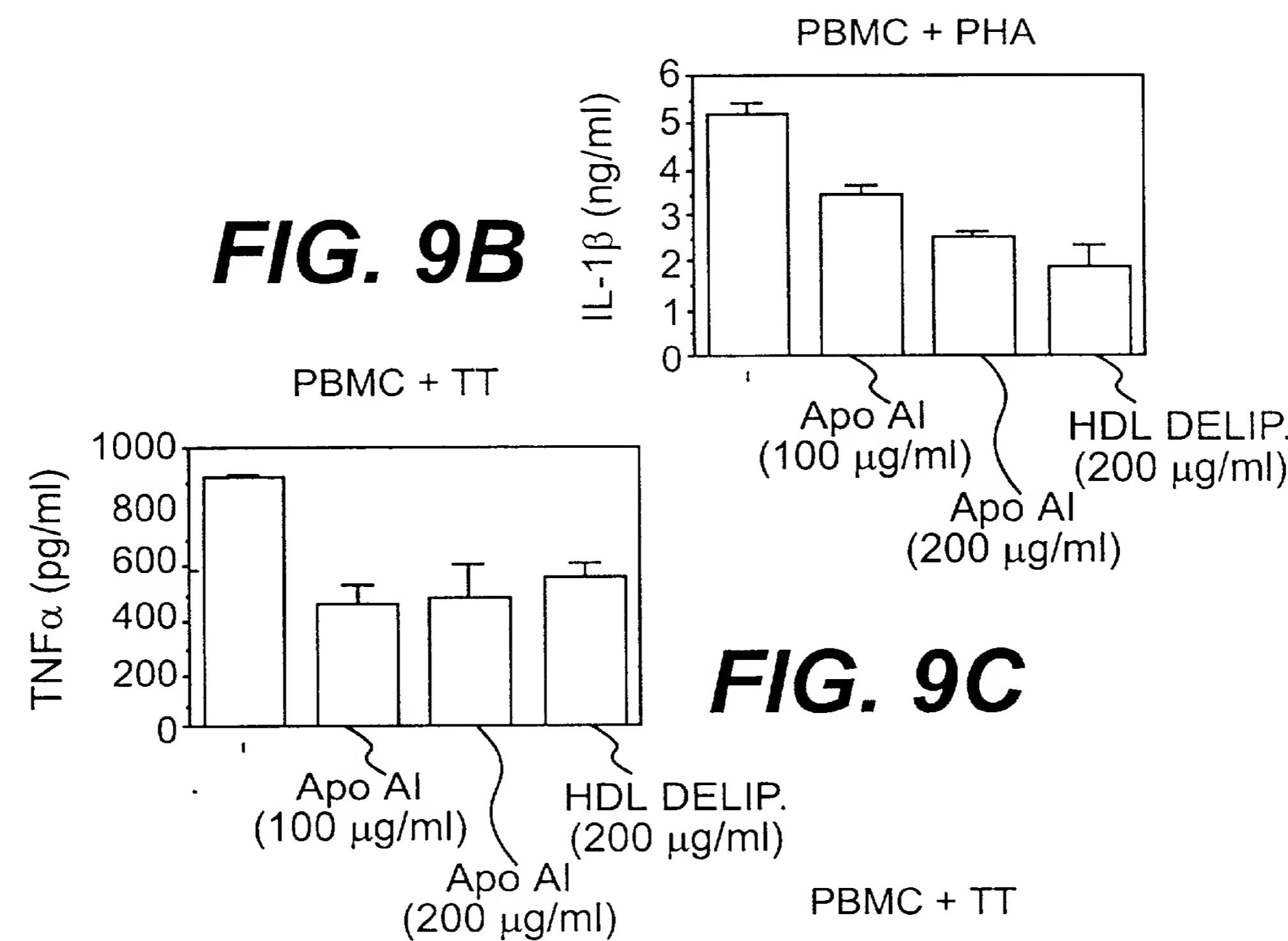


FIG. 9B

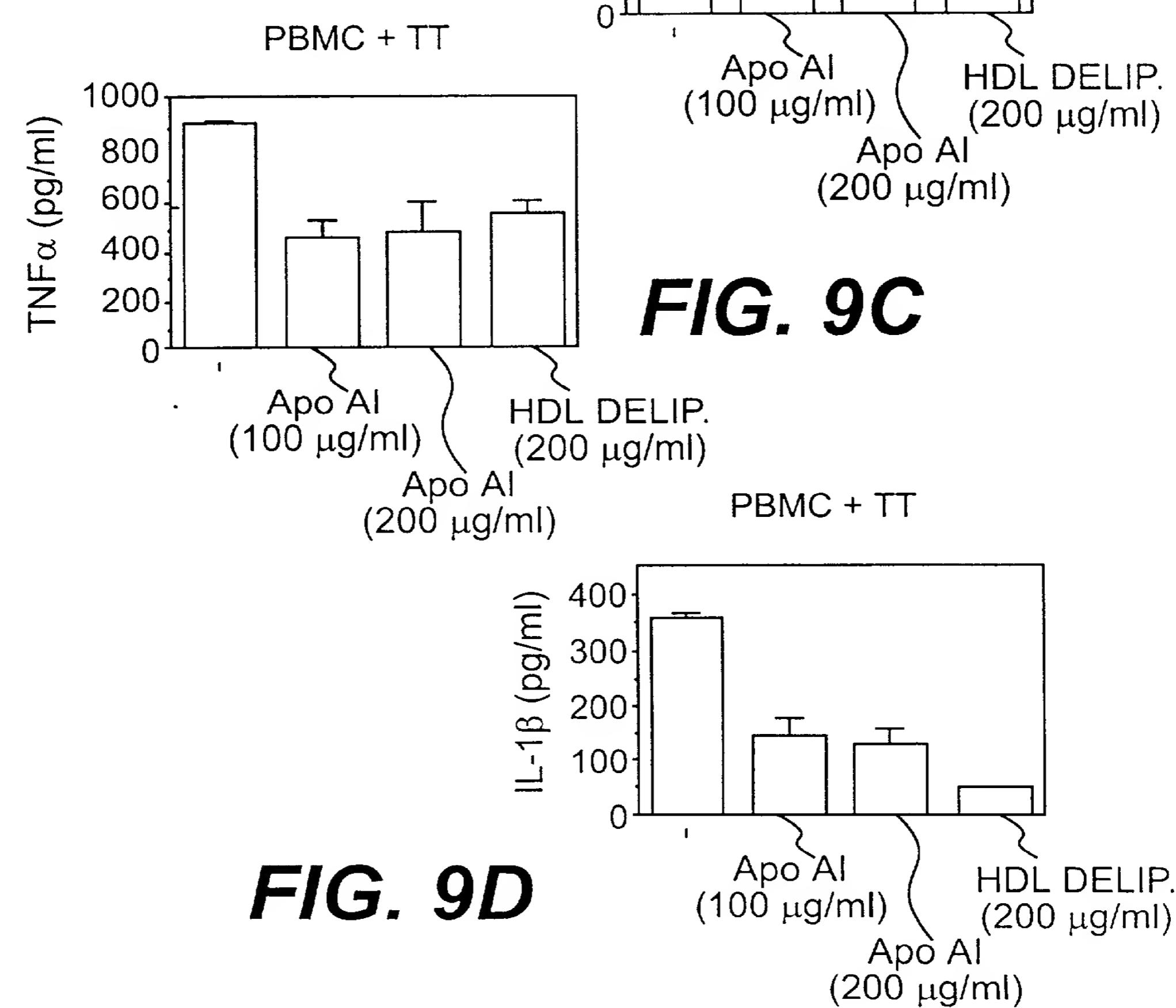


FIG. 9C

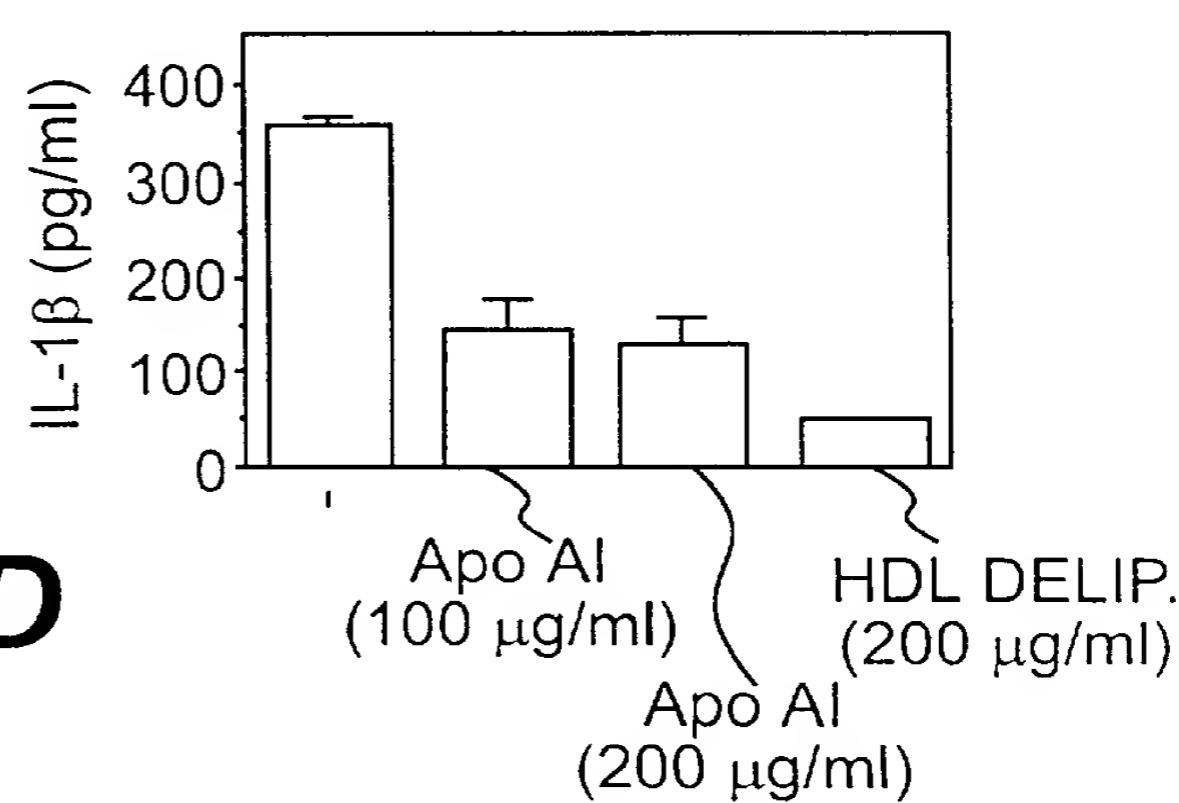


FIG. 9D

FIG. 10

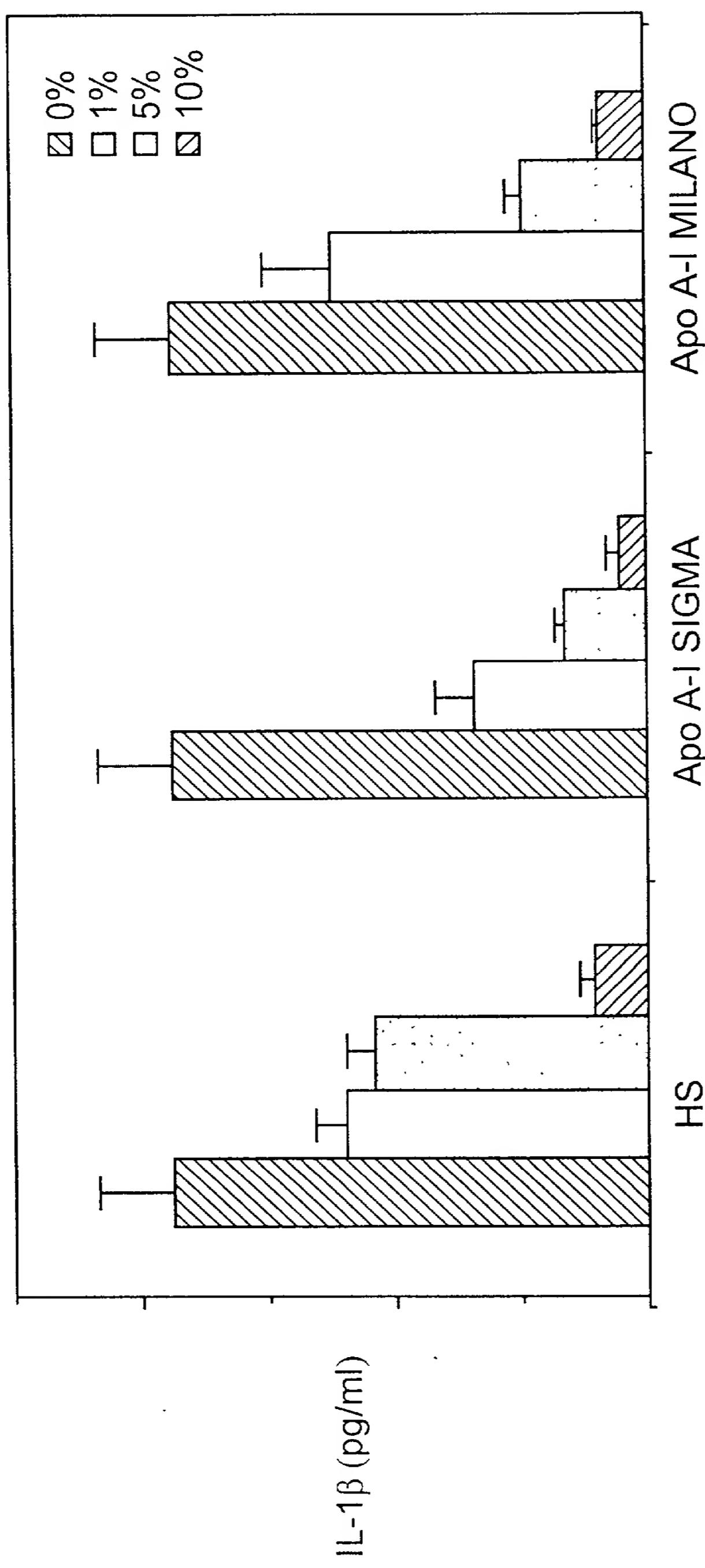


FIG. 11A

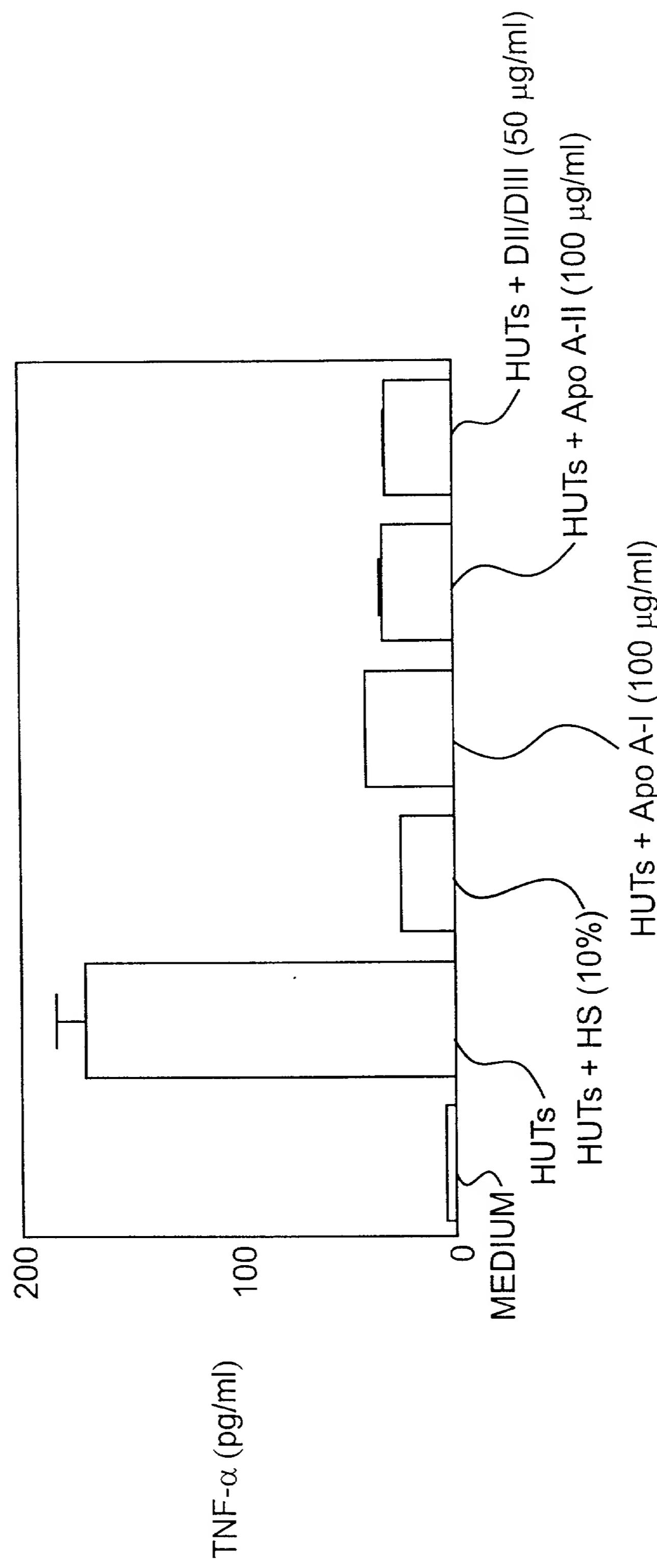


FIG. 11B

